

# MALAYSIAN TIN PRODUCTS NEWSLETTER

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# NIHON SUPERIOR (M) SDN. BHD.



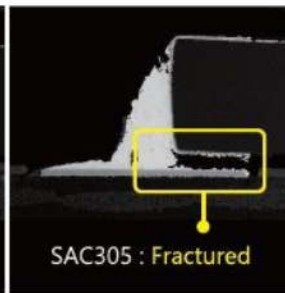
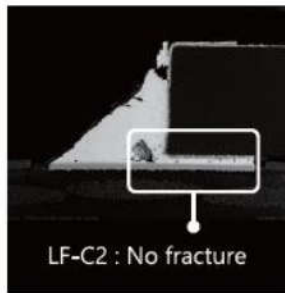
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- Solid Solder Wire
- Solder Paste (Printing Grade)
- Solder Paste (Dispensing Grade)
- Soldering Flux
- Solder Anode
- Solder Spheres
- Solder Preform



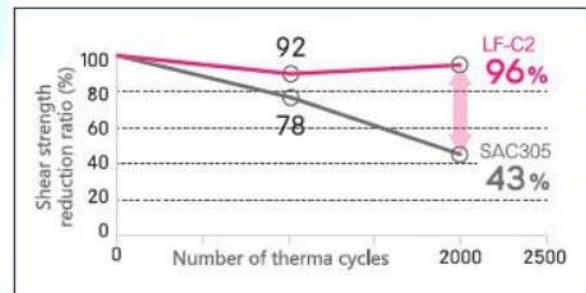
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# THE MALAYSIAN TIN PRODUCTS NEWSLETTER

QUARTERLY | JANUARY - MARCH 2022

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*The Malaysian Tin Products Newsletter is published quarterly by the Malaysian Tin Products Manufacturers' Association (MTPMA). The opinions and statements expressed in the Newsletter are not necessarily those of the MTPMA or the Editorial Sub-Committee and neither endorsement nor confirmation are intended or implied.*

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# PRESIDENT'S NOTE

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YEW WEI AUN  
PRESIDENT  
THE MALAYSIAN TIN PRODUCTS  
MANUFACTURERS' ASSOCIATION  
(MTPMA)

## Dear Members,

Without realising it, we are already in 2022. Amidst high tin prices, tin-based manufacturing industry players are entering the new year with yet another continuing challenge, namely the difficulty in sourcing for tin in order to sustain their business and operation. The country's sole tin smelter, Malaysia Smelting Corporation Bhd (MSC) which had been experiencing problem to secure sufficient tin-in-concentrate supply from abroad caused by the Covid-related movement restrictions, could not produce enough refined tin to meet the demand from the local tin-based manufacturing industry. Hence, industry players have to continue to rely heavily on tin supply from overseas, albeit at higher cost.

The new year saw tin prices continuing its upward trend reaching a historical high of US\$50,050 per tonne on 8 March 2022 on the London Metal Exchange (LME). Thereafter, the upward momentum took a breather with prices hovering range-bound between US\$44,000 and US\$41,000 per tonne until the end of Q1. Analysts have forecasted that tin prices would remain at that level for a period of time taking into consideration the metal's tight supply situation globally.

Malaysia's quarterly Gross Domestic Products (GDP) performance, as expected, improved significantly from a contraction of 4.5% in Q3 2021 to a 3.6% growth in Q4 2021. The positive growth had a lot to do with the re-opening of business operations and the lifting of interstate travel restrictions. It was forecasted that the nation's GDP would continue to record a higher growth in Q1 2022 with more Covid-19 restrictions to be eased by the Government when the country is ready to enter into the endemic phase.

In closing this brief President's Note, let us hope that the endemic phase will be announced soon to enable our economy to recover speedily and steadily. To progress into the endemic phase, it is important that all Malaysians adhere strictly to the Standard Operating Procedures (SOPs). Please keep abreast with the latest development announced periodically by the National Security Council. Stay safe and healthy.

With warmest regards.

*Yew Wei Aun*

# NEWS ON ECONOMY

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## Economy to Grow Up to 6.5% in 2022

Bank Negara has reiterated that the Malaysian economy will expand between 5.5% and 6.5% this year, underpinned by continued expansion in global demand and higher private sector expenditure, says governor Tan Sri Nor Shamsiah Mohd Yunus. In an email interview with Bernama, Nor Shamsiah said Malaysia was well-positioned to gain as global growth and trade bounce back, as observed in 2021.

She pointed out that strong external demand for electrical and electronics (E&E) products and commodities, particularly from the country's key trade partners including China, the United States and the regional economies, would contribute to further expansion in export-oriented sectors. "Importantly, the broad-based improvement in overall income, employment conditions, and consumer sentiments would provide a lift to household spending," she said, also noting that the central bank would be announcing its latest assessment on the economy in March.

The governor said the continuation of major investment projects in key economic sectors, such as in E&E manufacturing and digital investments, would lift growth further. Nevertheless, the risk to the outlook for 2022 remained, arising from a weaker-than-expected global growth, worsening supply chain disruptions, and the emergence of severe and vaccine-resistant Covid-19 variants of concern, she added.

Meanwhile, Nor Shamsiah said headline inflation was likely to remain moderate in 2022, as the base effect from fuel inflation dissipates, while core inflation was expected to be modest with the upward pressure contained by the continued slack in the economy and labour market. "Overall, the inflation outlook continues to be subject to global commodity price developments and risks from prolonged supply-related disruptions," she said.

On another note, Nor Shamsiah said Malaysian banks were taking efforts to integrate environmental, social and governance (ESG) considerations in their governance, business strategy, operations, and risk management. "This is being reinforced by regulatory measures such as the Climate Change and Principle-based Taxonomy and upcoming guidance on risk management and scenario analysis that has been issued for consultation," she said. She elaborated on this in response to a question on flood events in Malaysia that further solidified the need for ESG adaptation.

She explained that the recent floods were a powerful demonstration and reminder on the need to take the sustainability agenda seriously. "Some banks have started analysing exposures in their lending and investment portfolios, and then engaging customers where there are ESG concerns. We are also seeing more and more banks supporting their customers transition to more sustainable practices. This includes offering solutions and advice."

Nor Shamsiah said these were just baby steps, and there was still a lot more work to be done. "But in this area, we are confident that the banking industry is moving in the right direction and that momentum will continue to pick up," she added.

Nor Shamsiah said the financial sector has stepped up efforts to provide various forms of assistance to those affected by the floods. This was not just to provide repayment assistance but also to waive fees and charges to replace lost or damaged bank documents. Any such assistance would entail a cost, she noted. However, she added, this would be manageable as flood-related exposures were expected to be moderate and the banking industry has also been gradually building up their provisioning levels since 2020 to provide buffers for further adverse impact from the pandemic.

Taken together, the central bank did not expect a sudden surge in credit costs and this would contain any significant impact on banks' earnings. "On this end, I also want to emphasise that banks are able to provide this assistance while managing their bottom lines and depositors' interest, only because of decades of efforts to strengthen governance and risk management in the financial sector," said Nor Shamsiah.

*Source: The Star, 5 February 2022*

## EU Joins Chip Race with US\$48bil Bid to Rival Asia's Production

The European Union (EU) launched a plan yesterday to raise tens of billions of euros to boost semiconductor production in Europe and end the bloc's digital dependence on Asia. The production of semiconductors, also known as chips, has become a strategic priority in Europe as well as the United States. The shock of the pandemic has choked off supply, bringing factories to a standstill and emptying stores of products. The manufacturing of chips overwhelmingly takes place in Taiwan, China and South Korea and the EU's 27 member states want factories and companies inside the bloc to take on bigger role.

Thierry Breton, the EU's industry commissioner, will press Europeans to be as ambitious as possible and match similar plans in the United States, where the Biden administration is asking Congress to approve US\$52bil (RM218bil). Touring the IMEC chip research facility in Belgium on Monday, Breton boasted that the plan "will position Europe as an industry leader but also give us complete control of our semiconductor supply chains". The EU will equip itself with the means to guarantee its security of supply, as the United States does for example," he said, in a separate briefing to reporters.

"Europe will remain an open continent, but on its own terms," he said, referring to a "paradigm shift" in the European approach to highly strategic supplies such as semiconductors. If approved, the EU plans could generate a total of €42bil (US\$48bil or RM201bil) via existing EU budget

money as well as by loosening existing rules on public subsidy from member states. The main goal of the chip crusade will be to double Europe's semiconductor capacity from 10% of the world's value today to 20% by 2030.

The proposal will need the approval of the EU member states and European Parliament, where opinions will vary between the ambitions of industrial heavy-weights such as Germany, France and Italy and those of smaller states that are worried about closing off valuable supply chains with Asia. Some member states, led by the Netherlands and Nordic nations, will also resist any plan to widen the scope for state aid, with the commission set to make it easier for EU governments to pump money to chip-makers.

"We don't want to end up in a position with a huge US company getting a bunch of EU money to open a factory in one big member state," an EU diplomat said. But the pressure on Europe to move quickly is acute. South Korea is also promising huge sums of subsidies to ramp up its chip business. These payouts will likely dwarf whatever Europe has on offer. In Taiwan, the chip juggernaut TSMC plant to spend between US\$40bil (RM167bil) and US\$44bil (RM184bil) just over the coming 12 months on new plants. With the new priority, indications are that manufacturers are shopping around for the best deal as they seek locations for new factories.

Intel, the US-based chip-maker, is on the verge of announcing a major investment in Europe, with big players Germany, France and Italy possible destinations. Chief executive officer Pat Gelsinger told German media his decision not only depended on questions of suitable locations and staffing "but also on the available subsidies to build the factories. We have also obtained considerable subsidies for our factories in Asia," Gelsinger said.

Source: *The Star*, 9 February 2022

## New Chip Crisis Means Japan's Auto Giants Aren't in Clear Yet

Japan's top automakers emerged from a tough 2021 punctuated by a global semiconductor shortage and are forecasting profit will increase on the back of higher vehicle prices. However, a looming shortage of analog chips threatens to cloud the outlook. While tight supplies of semiconductors are set to ease later this year, the next bottleneck is likely to come from growing demand for analog chips, which are increasingly being used in automobiles as they become electrified and autonomous. Last year's chip crunch was mainly due to a shortage of microprocessors, the main computing chips that are used in smartphones and computers.

Honda Motor Co joined Nissan Motor Co in upgrading operating profit forecasts for the fiscal year through March, after a rough start last year. Toyota Motor Corp kept its forecast for 2.8 trillion yen (US\$24bil or RM101.34bil) in annual operating profit, even after halting domestic output for several days in January.

"The more semiconductors we get, the more we can grow," Ashwani Gupta, Nissan's chief operating officer said during an earnings briefing earlier this week. The carmakers proved over the past half century that Japanese manufacturing could not only compete, but dominate the global auto industry. Now, they're in the unfamiliar territory of not being able to predict their own fate because of the global chip crunch, fuelled by booming demand for computers, gadgets and devices as people work remotely and spend more time indoors.

"Analog chips are likely to become the main constraint for vehicle production for the next three years," IHS Markit wrote in a report last month. Covid lockdowns, missing parts and shortages of chips are common challenges that automakers are facing across the globe. These disruptions will restrict vehicle production through the end of this year and push a broader market recovery into 2023, according to a recent report by Fitch Solutions.

Macquarie Securities Korea Ltd is forecasting "slower-than-expected normalisation of IC chip supply," analyst James Hong said. Compared with its initial outlook, Toyota has mostly kept on track. The world's

biggest carmaker's operating profit forecast is slightly higher than the initial outlook issued in May, while its sales forecast was trimmed slightly because of production halts.

Honda was forced to downgrade its outlook in November because of the chip crunch, fuelling concerns over its ability to recover profit and sales. The carmaker bounced back this week, however, and now sees fiscal year operating profit of 800 billion yen (RM28.9bil), even higher than it originally forecast last year. Nissan, which initially forecast flat annual profit, now sees profit of 210 billion yen (RM7.6bil) for the year ending March, thanks to favourable exchange rates and vehicle profit margins. Nissan also embarked on a recovery plan in 2020 to remove about 300 billion yen (RM10.85bil) in annual costs, reduce capacity and cut back on margin-eroding incentives.

Koji Endo, an analyst at SBI Securities, sees semiconductor supplies improving as chipmakers ramp up production globally. The supply crunch will probably continue for the first half of the fiscal year and improve in the latter half, he said. "Although slight, automakers' output is getting better," Endo said. Even so, it may be too early to celebrate. Mitsubishi Motors Corp chief financial officer Koji Ikeya said during an earnings briefing this week that the outlook remains murky, with a high chance of a prolonged chip crunch.

*Source: The Star, 11 February 2022*

## NEWS ON

# ELECTRICAL & ELECTRONIC INDUSTRY

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### E&E Exports Seen to Perform Well in 2022

Electrical and Electronics (E&E) exports are expected to continue performing well this year despite the ongoing pandemic and global chip shortage supply risks, the Malaysia External Trade Development Corp or Matrade says. Its director of E&E, ICT, machinery and equipment section, Naim Abdul Rahman, said Malaysia was now the sixth largest exporter of semiconductors and integrated circuits (ICs) in the world, accounting for 6.3% of the world's total export, and this will continue to support the E&E industry as it represented 61.7% of export products.

"Exports of semiconductors and ICs grew 90% year-on-year (y-o-y) over 2020," he said in a webinar "Boosting Malaysian SMEs' competitiveness on the Global Stage" organised by global electronics industry association SEMI Southeast Asia and the

Malaysia Semiconductor Industry Association (MSIA). Naim noted that Malaysia's E&E trade performance continued its upward momentum in January and February 2022, with exports increasing by 19.6% y-o-y to US\$20.18bil (RM85bil) compared with the corresponding period in 2021.

"In terms of major export products and markets, a similar trend is noticed, whereby all top five export products recorded remarkable growth, while semiconductors remained as the largest E&E export products," he said. The top five export products for E&E were semiconductors and ICs; telecommunication equipment and parts; automatic data processing (ADP) machines; parts and accessories for office machines and ADP; and electrical machinery and apparatus. Singapore was the largest market, followed by the United States, China, Hong Kong and Vietnam.

*Source: The Star, 30 March 2022*



# NEWS ON ASSOCIATION MEMBERS

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## Divine Beings Take Pewter Form

Having worked on the Celestial Blessings series in 2012, Chinese artist Xu Xiao Yong once again collaborated with Royal Selangor on its new Benevolence collection for the Lunar New Year. In this Benevolence series, Royal Selangor has curated a selection of sculpture art based on four Chinese mythological guardians to usher in the Year of the Tiger.

"We wanted something a little bit offbeat from Chinese mythology, with a lot of meaning," says Royal Selangor managing director Yong Yoon Li. He shares that the animals in the Benevolence series are based on the cardinal directions. Each direction is assigned a mythological creature as guardian - Black Tortoise (North), Vermillion Phoenix (South), Azure Dragon (East), White Tiger (West).

The stunning designs were created by Xu from Jiangxi, China, who specialises in portraying myths and legends, and draws from art's propensity to use metaphor or stories to express an opinion or point of view. "When you look at this collection, the first thing you might notice about Xuan Wu (the tortoise) is that it looks mythical, whereas the snake looks rather realistic," says Xu. "We want them to represent the past and present respectively, and create a sort of harmony between them."

He explains that the snake is not fighting the tortoise nor acting fierce as it is so often portrayed to be. "They look each other in the eye, like they are communicating. It pretty much sums up the idea behind the whole collection - a dialogue between old and new, us and our ancestors. An ancient

myth revisited and re-imagined by the modern people of today." Setting the tone of the series was the first guardian Xu designed. He tackled Xuan Wu the tortoise and saw it as an opportunity to pay homage to artisans who came before him.

Xu shares that Chinese craftsmen have created gorgeous, delicate and reverent pieces of artwork of a golden tortoise carrying a stupa on its back to depict the divine encounter of Jianzhen during the Tang dynasty - the Chinese monk on a mission to propagate Buddhism in Japan. "I first saw this masterpiece at Toshodajji Temple in Nara (Japan) and was awed by its beauty. When Royal Selangor approached me about this project, the artwork had travelled all the way across the sea and landed in Shanghai Museum as part of a cultural exchange between China and Japan - very much resembling Jianzhen's journey 1,300 years ago," he says.

Xu took this opportunity to travel to the Shanghai Museum to admire the art piece once again. "As a devout Buddhist and a craftsman, the instant I found the golden tortoise sitting there peacefully surrounded by Kaii Higashiyama's breathtaking paintings, the idea of paying homage came to mind - standing on the shoulders of giants and re-creating a mythical creature based on the golden tortoise of Toshodajji Temple," he says.

After Xu has completed the design of all four guardians, he began the process of sculpting them. "These sculptures are intricate and there are a lot of details not only on the surface but also the way the surfaces intersect," says Yong. "We use soft silicon mould to do the big pieces but after that, it requires a lot of handwork like polishing and cleaning up all the lines, while some of the items required soldering - it can all be quite laborious," he says.

Northern guardian Black Tortoise which represents winter, midnight and water comes in graphite finish on a self-supporting base. Vermillion Phoenix of the south is closely associated with summer and mid-

day. Like its flaming tail, the phoenix's natural element is fire. Comes in graphite finish on a self-supporting base. In the west, the White Tiger personifies autumn, dusk and the metal element. It comes in graphite finish on a base of bronze-toned composite resin.

The Azure Dragon in a graphite finish bears a 24k gilt pearl orb, on a base of Nero Marquina marble. There is also a 24k gilt limited edition sculpture that comes with a pearlescent paint finish "pearl". According to Yong, Xu had given his creations dynamic posture, such as the dragon balancing on one leg and the phoenix on its tail.

"As we respected his concept, we did not ask Xu to modify his design. So obviously we had to make the base sturdy using marble (for Azure Dragon) along with some engineering and balancing (to keep it upright)," he adds. Raise your gifting game this Chinese New Year with Benevolence. Each sculpture is available in two sizes. Visit a special exhibition to commemorate the collection's launch at Royal Selangor Pavilion Kuala Lumpur now.

*Source: The Star, 9 January 2022*

## Standing the Test of Time

For Royal Selangor Pewter International Sdn Bhd chairman Tan Sri Yong Poh Kon, the Putra Brand Awards 2021 Personality of the Year is not about him but the brand. "Our people have been working diligently to take the brand to where it is today," he said. One cannot simply build a brand overnight, he said. It takes years and team effort.

For Royal Selangor, that means living up to its motto Celebrating Life's Precious Moments through Good Design and Craftsmanship. "The awards is confirmation that we have been taking the right steps forward in our business, and that we must continue to do so," he added.

Yong acknowledged that the Covid-19 pandemic has caused varying degrees of movement and travel restrictions, resulting in fewer visitors to physical stores but a greater migration towards ecommerce. He pointed out that Royal Selangor always had an online shop and by engaging more with customers, an increasing number of them are happy to order online, which also offers customisation and engraving services.

He added that sales via online improved significantly both domestically and in its export markets. "We have also been speaking to a global audience and increasing our presence in key markets through our retailers around the world." Yong is also excited over the brand's new outlet at Battersea Power Station in London, which is currently in the works as that will be a strategic retail store.

Royal Selangor's branding is handled by its KL-based global marketing team, which continues to communicate authentic brand stories on

its heritage and craftsmanship. The team generates awareness and engages with customers through global editorial content on its social media channels. Yong shared that Royal Selangor has an innovative design studio that builds the brand through collaborations and partnerships with world-renowned artists and organisations.

To date, Royal Selangor has collaborated with the British Museum and the Victoria and Albert Museum, both in London, and the National Palace Museum in Taipei, as well as award-winning designers Jamy Yang and Jarrod Lim. With regards to the future under the pandemic, Yong said that Royal Selangor has stayed resilient since 1885 and has weathered two world wars and several economic recessions.

"Royal Selangor will continue to stay true to our craft and keep up our efforts to effectively share our brand story with our audiences everywhere. We will further progress along with digitalisation and deeper engagement with our customers regardless of physical distances," he said. This provides a strong foundation for training its future generation of designers and craftspeople, and sets up clear guidelines for the succession planning of leaders and managers to take the brand forward, he added.

*Source: The Star, 16 February 2022*



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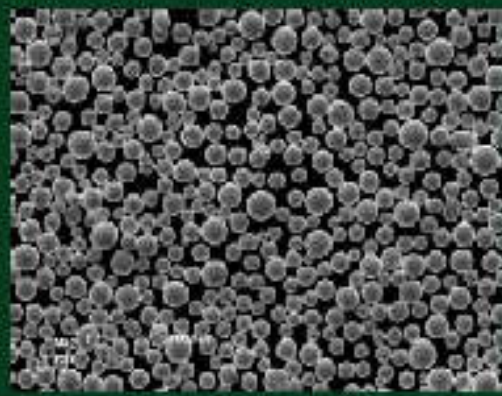
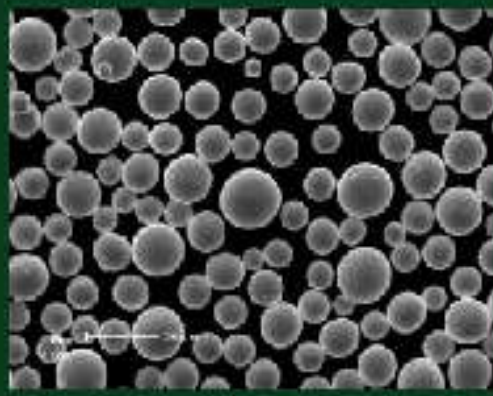




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## MALAYSIAN TIN STATISTICS

(In Tonnes)

Period	Production of Tin-In-Concentrates	Imports of Tin-In-Concentrates	Refined Tin Production	Local Consumption	Exports of Tin Metal
2016	4,158	30,536	26,849	2,238	27,470
2017	3,894	29,866	27,211	2,707	27,147
2018	3,868	27,450	27,115	1,964	27,342
2019	3,611	25,644	24,387	1,441	24,418
2020	2,963	22,288	22,367	1,512	22,597
2021*	2,980	322	16,634	1,156	16,441
2019					
Jan.	325	2,169	1,887	125	2,205
Feb.	278	1,700	1,912	99	1,694
Mar.	324	2,263	2,169	134	2,195
Apr.	301	2,090	2,145	125	2,097
May.	282	1,842	1,836	145	1,891
Jun.	213	2,393	1,536	129	1,630
Jul.	263	2,393	2,491	144	2,347
Aug.	299	2,381	2,476	122	2,257
Sep.	320	1,998	2,234	111	1,886
Oct.	312	2,506	1,478	111	1,790
Nov.	323	2,147	2,137	105	2,086
Dec.	356	1,762	2,086	91	2,340
2020	3,596	25,644	24,387	1,441	24,418
Jan.	289	2,136	2,314	93	2,180
Feb.	266	1,449	1,880	119	2,226
Mar.	162	1,105	1,228	71	1,191
Apr.	36	1,198	1,110	75	933
May.	252	2,187	1,344	99	1,516
Jun.	278	1,927	1,926	190	1,644
Jul.	272	1,972	1,819	150	2,240
Aug.	277	2,785	2,672	151	2,290
Sep.	292	2,398	2,057	138	2,198
Oct.	295	1,565	2,078	146	2,126
Nov.	272	1,536	1,974	125	2,108
Dec	272	2,030	1,965	155	1,945
2021*					
Jan.	278	28	1,639	145	1,770
Feb.	257	29	1,847	70	1,765
Mar.	290	46	2,041	113	1,982
Apr.	294	47	1,680	115	1,836
May.	262	26	1,861	91	1,638
Jun.	44	0	695	86	894
Jul.	204	21	973	84	507
Aug.	233	19	1,115	86	1,085
Sep.	262	59	1,221	85	1,599
Oct	292	16	1,349	98	1,165
Nov.	270	10	1,086	91	1,172
Dec	294	21	1,127	92	1,028
2022*					
Jan.	234	n.y.a	n.y.a	n.y.a	n.y.a
Feb.	252	n.y.a	n.y.a	n.y.a	n.y.a
Mar.	306	n.y.a	n.y.a	n.y.a	n.y.a

\* : Preliminary

n.y.a : Not yet available

Sources : Department of Statistics, Malaysia  
Department of Mineral and Geoscience Malaysia  
Malaysia Smelting Corporation Bhd.

**DOMESTIC TIN CONSUMPTION**

(In Tonnes)

PERIOD	TOTAL CONSUMPTION	SOLDER *	TINPLATE	PEWTER	OTHERS *
2016	2,238	1,314	750	86	88
2017	2,707	1,348	737	63	559
2018	1,964	1,019	759	39	147
2019	1,441	695	639	19	88
2020	1,512	738	626	8	140
2021**	1,156	395	710	6	45
2019					
Jan.	125	66	51	1	7
Feb.	99	60	35	0	4
Mar.	134	69	56	1	8
Apr.	125	51	64	2	8
May	145	70	62	1	12
Jun.	129	66	56	1	6
Jul.	144	91	47	3	3
Aug.	122	60	51	1	10
Sep.	111	41	60	3	7
Oct.	111	41	59	3	8
Nov.	105	45	52	1	7
Dec.	91	35	46	2	8
2020					
Jan.	93	40	48	0	5
Feb.	119	62	52	0	5
Mar.	71	22	45	0	4
Apr.	75	19	53	0	3
May	99	49	44	0	6
Jun.	190	74	67	3	46
Jul.	150	84	55	3	8
Aug.	151	49	65	0	37
Sep.	138	85	46	0	7
Oct.	146	77	59	0	10
Nov.	125	78	40	2	5
Dec.	155	99	52	0	4
2021**					
Jan.	145	73	66	1	5
Feb.	70	30	37	0	3
Mar.	113	40	68	0	5
Apr.	115	39	68	1	7
May	91	40	46	0	5
Jun	86	29	50	0	7
Jul.	84	20	64	0	0
Aug.	86	25	57	0	4
Sep.	85	30	53	2	0
Oct.	98	29	69	0	0
Nov.	91	20	69	2	0
Dec.	92	20	63	0	9
2022**					
Jan.	n.y.a	n.y.a	56	n.y.a	n.y.a
Feb.	n.y.a	n.y.a	69	n.y.a	n.y.a
Mar.	n.y.a	n.y.a	58	n.y.a	n.y.a

\* : The figures include high-grade tin (99.9% Sn) imported for consumption.

\*\* : Preliminary.

n.y.a : not yet available

Sources : Department of Mineral and Geoscience Malaysia  
Malaysia Smelting Corporation Bhd  
Perstima Bhd

Note : Local consumption of tin metal refers to the use of tin in a particular application.  
Sales to manufacturing industries have been used as proxy for consumption except in the case of manufacture of tinplate which are actual tin consumption data.



# WORLD STOCKS OF REFINED TIN

(In Tonnes at Period End)

Period	LME Stock	Total Country Stocks	US Strategic Stockpile
2017	2,235	19,245	4,020
2018	2,165	16,790	4,020
2019	7,130	23,217	4,020
2020	1,890	22,129	4,020
2021	2,045	21,737	4,020
2019			
Jan.	1,845	16,439	4,020
Feb.	1,325	16,552	4,020
Mar.	950	22,333	4,020
Apr.	890	23,132	4,020
May.	2,810	23,083	4,020
Jun.	6,045	23,524	4,020
Jul.	4,640	23,524	4,020
Aug.	6,830	23,449	4,020
Sep.	6,620	23,017	4,020
Oct.	6,020	23,104	4,020
Nov.	6,235	23,217	4,020
Dec.	7,130	23,217	4,020
2020			
Jan.	6,630	22,546	4,020
Feb.	7,440	22,431	4,020
Mar.	6,205	22,211	4,020
Apr.	5,375	22,094	4,020
May.	2,455	22,183	4,020
Jun.	4,230	22,330	4,020
Jul.	3,675	22,268	4,020
Aug.	5,040	22,143	4,020
Sep.	5,550	22,480	4,020
Oct.	4,533	22,398	4,020
Nov.	3,805	22,290	4,020
Dec.	1,890	22,129	4,020
2021			
Jan.	820	22,366	4,020
Feb.	1,745	23,044	4,020
Mar.	1,740	21,579	4,020
Apr.	1,245	21,589	4,020
May	755	21,589	4,020
Jun.	2,015	21,539	4,020
Jul.	2,290	21,499	4,020
Aug.	1,395	21,487	4,020
Sep.	1,235	21,508	4,020
Oct.	670	21,508	4,020
Nov.	1,285	21,508	4,020
Dec.	2,045	21,737	4,020
2022			
Jan.	2,390	22,051	4,020
Feb.	2,245	22,076	4,020
Mar.	2,000	21,941	4,020

n.y.a

: not yet available

Source

: World Bureau of Metal Statistics

**KLTM & LME TIN PRICES**

	<b>KLTM</b>		<b>LME CASH</b>	
	Average Price (*)		Total Turnover (Tonnes)	Average Price (USD / Tonne)
	(USD / Tonne)	(RM / Kg)		
2017	20,029	86.12	8,890	20,098
2018	20,151	80.99	9,075	20,168
2019	19,168	79.11	6,445	18,671
2020	17,504	72.97	4,088	17,134
2021	26,589	108.88	1,955	32,584
<b>2019</b>				
Jan	20,417	84.05	719	20,480
Feb	21,268	86.67	628	21,268
Mar	21,317	86.95	1,046	21,444
Apr	20,528	84.48	833	20,684
May	19,394	80.85	388	19,531
Jun	19,065	79.34	344	19,177
Jul	18,074	74.55	416	17,991
Aug	16,532	69.22	422	16,577
Sep	16,730	70.05	392	16,840
Oct	16,562	69.34	464	16,603
Nov	16,624	69.11	417	16,369
Dec	16,883	70.00	376	17,093
<b>2020</b>				
Jan	17,014	69.42	406	17,056
Feb	16,536	68.85	354	16,457
Mar	16,417	69.47	236	15,321
Apr	CLOSED	CLOSED	CLOSED	15,039
May	15,110	65.65	268	15,410
Jun	16,605	71.03	374	16,806
Jul	17,287	73.79	358	17,452
Aug	17,515	73.47	343	17,672
Sep	17,846	74.12	444	17,946
Oct	18,026	74.90	383	18,154
Nov	18,433	75.84	413	18,568
Dec	19,693	79.90	509	19,727
<b>2021</b>				
Jan	22,085	89.25	314	21,955
Feb	25,965	105.05	456	26,717
Mar	26,162	107.64	494	27,396
Apr	27,106	111.89	327	28,427
May	31,132	128.61	298	32,524
Jun	31,857	131.49	61	32,678
Jul	CLOSED	CLOSED	CLOSED	34,183
Aug	CLOSED	CLOSED	CLOSED	35,205
Sep	CLOSED	CLOSED	CLOSED	35,048
Oct	CLOSED	CLOSED	CLOSED	37,962
Nov	CLOSED	CLOSED	CLOSED	39,333
Dec	39,500	166.58	5	39,574
<b>2022</b>				
Jan	41,007	171.75	21	41,807
Feb	NO TRANSACTION	NO TRANSACTION	NO TRANSACTION	44,118
Mar	NO TRANSACTION	NO TRANSACTION	NO TRANSACTION	44,249

Note : As from 1 February 2001, KLTM price is quoted in US Dollar

(\*) KLTM's monthly average price is arrived at on a weighted average against total tonnage basis.

Malaysian Ringgit to US Dollar exchange rate was unpegged on 22.8.2005

## LEAD

LME PRICES & STOCKS		
	Cash Settlement (US\$ / Tonne)	Stocks Period End (Tonnes)
2019	1,899.25	66,200
2020	2,018.60	133,175
2021	2,304.79	54,375
<b>2019</b>		
Jan	1,994.16	72,450
Feb	2,062.08	76,875
Mar	2,054.57	78,750
Apr	1,948.85	74,425
May	1,817.21	69,400
Jun	1,891.50	65,750
Jul	1,974.02	78,500
Aug	2,043.19	77,525
Sep	2,070.86	69,500
Oct	2,184.30	70,075
Nov	2,031.90	67,125
Dec	1,899.25	66,200
<b>2020</b>		
Jan	1,925.16	66,800
Feb	1,872.30	68,100
Mar	1,744.64	70,900
Apr	1,651.53	73,650
May	1,618.16	75,825
Jun	1,739.86	66,500
Jul	1,812.15	118,150
Aug	1,935.20	124,900
Sep	1,881.36	137,000
Oct	1,777.07	124,400
Nov	1,914.48	112,700
Dec	2,018.60	133,175
<b>2021</b>		
Jan	2,214.93	96,775
Feb	2,085.75	94,625
Mar	1,960.76	119,550
Apr	2,006.33	110,575
May	2,185.92	97,325
Jun	2,188.98	80,250
Jul	2,336.98	59,750
Aug	2,428.52	52,250
Sep	2,257.25	51,000
Oct	2,339.45	55,000
Nov	2,347.57	56,775
Dec	2,304.79	54,375
<b>2022</b>		
Jan	2,342.70	54,006
Feb	2,299.90	49,196
Mar	2,359.48	39,846

## COPPER

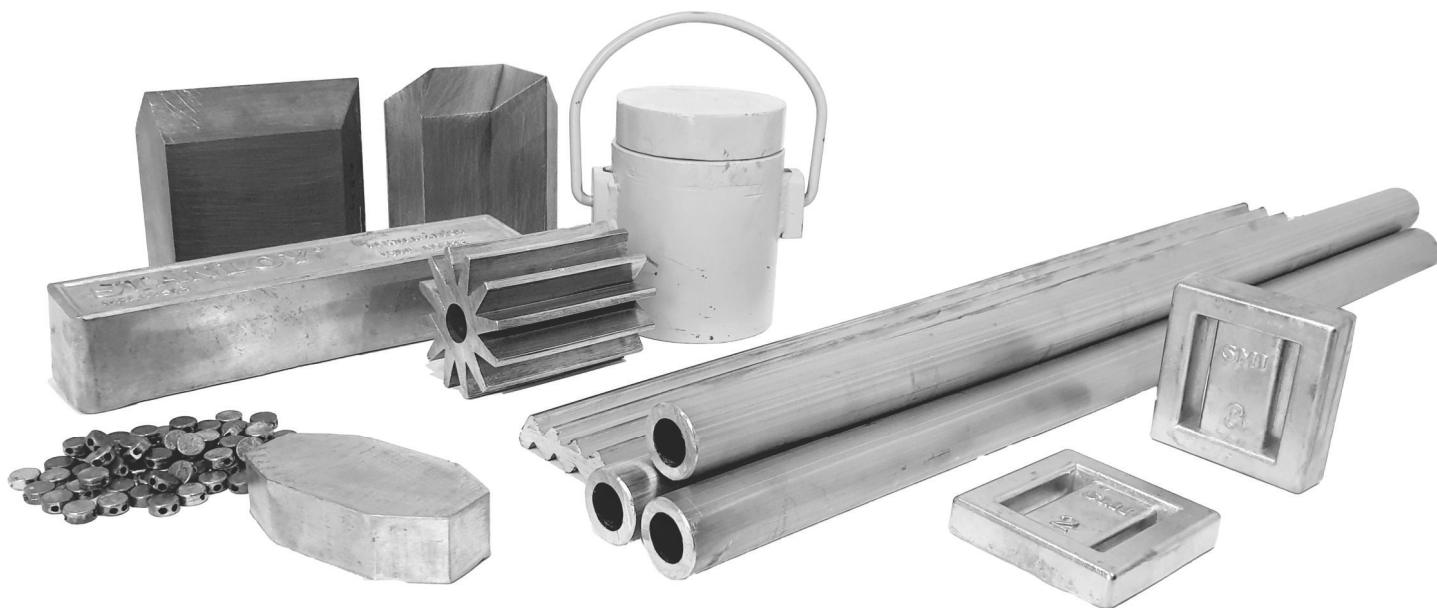
LME PRICES & STOCKS		
	Cash Settlement (US\$ / Tonne)	Stocks Period End (Tonnes)
2019	6,062.43	144,675
2020	7,755.24	105,800
2021	9,550.31	88,725
<b>2019</b>		
Jan	5,932.02	149,950
Feb	6,278.20	126,100
Mar	6,451.02	168,525
Apr	6,445.10	225,925
May	6,028.31	211,800
Jun	5,868.43	240,900
Jul	5,939.85	287,800
Aug	5,707.98	335,850
Sep	5,745.48	258,775
Oct	5,742.89	255,025
Nov	5,859.69	208,525
Dec	6,062.43	144,675
<b>2020</b>		
Jan	6,049.20	179,800
Feb	5,686.45	216,950
Mar	5,178.68	221,200
Apr	5,048.25	251,475
May	5,233.82	255,725
Jun	5,742.39	213,325
Jul	6,353.76	126,675
Aug	6,496.70	88,250
Sep	6,712.41	163,125
Oct	6,702.77	169,600
Nov	7,063.43	149,925
Dec	7,755.24	105,800
<b>2021</b>		
Jan	7,970.50	74,275
Feb	8,460.25	74,200
Mar	9,004.98	143,775
Apr	9,335.55	137,400
May	10,183.97	120,700
Jun	9,612.43	211,975
Jul	9,433.59	238,650
Aug	9,357.19	252,725
Sep	9,324.07	217,175
Oct	9,778.50	131,300
Nov	9,765.48	78,625
Dec	9,550.31	88,725
<b>2022</b>		
Jan	9,775.93	90,478
Feb	9,941.35	76,775
Mar	10,237.59	77,259

## SILVER

LONDON SPOT PRICES	
	London Spot (US Cents / Troy Oz)
2019	1,711.00
2020	2,488.74
2021	2,246.81
<b>2019</b>	
Jan	1,559.00
Feb	1,580.00
Mar	1,532.00
Apr	1,504.00
May	1,463.00
Jun	1,500.00
Jul	1,575.00
Aug	1,714.00
Sep	1,817.00
Oct	1,762.00
Nov	1,718.00
Dec	1,711.00
<b>2020</b>	
Jan	1,796.50
Feb	1,792.20
Mar	1,491.82
Apr	1,504.55
May	1,623.24
Jun	1,771.98
Jul	2,040.50
Aug	2,686.25
Sep	2,588.61
Oct	2,429.84
Nov	2,404.33
Dec	2,488.74
<b>2021</b>	
Jan	2,592.84
Feb	2,734.60
Mar	2,561.35
Apr	2,564.03
May	2,746.32
Jun	2,698.16
Jul	2,575.32
Aug	2,401.64
Sep	2,330.73
Oct	2,329.64
Nov	2,419.64
Dec	2,246.81
<b>2022</b>	
Jan	2,312.85
Feb	2,346.50
Mar	2,524.02

Source : London Metal Exchange

# STANLOY®



## Specialty anodes in lead and tin

- ▶ Extruded wave anodes
- ▶ Extruded solid round anodes
- ▶ Extruded hollow round lead anodes
- ▶ Cored anodes
- ▶ 12-point extruded solid star anodes
- ▶ 12-point extruded hollow star anodes
- ▶ Extruded octagonal section anodes

## Small parts in lead and tin

- ▶ Metering and security seals
- ▶ Diving weights

## Pewter alloys

## Chemical service

- ▶ Extruded lead coils and pipes
- ▶ Bearing / anti-friction metals

## Lead acid battery components

- ▶ Battery terminals
- ▶ Lead oxides
- ▶ Lead burning sticks
- ▶ Extruded cooling coils
- ▶ Busbars
- ▶ 12-point extruded hollow star anodes
- ▶ Extruded octagonal section anodes

## Radiation containment

- ▶ Radioactive isotope containers
- ▶ Lead bricks
- ▶ Radiation protection doors and mobile shields

## Sailboat / yacht accessories

- ▶ Boat keels / bulbs

## MATERIAL AVAILABILITY

All our casting and extruded products are produced from high purity materials and are available in the following chemical composition: -

- ▶ Pure lead of 99.97% minimum
- ▶ Antimonial lead alloys of up to 6% antimony content
- ▶ Pure tin of 99.85% and its alloys

**SELAYANG METAL INDUSTRIES SDN. BHD.(64855-U)**

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**EMAIL: biz@selayang-metal.com**



## ASSOCIATION MEMBERS

Currently, the Association comprises one associate and 14 ordinary members covering the three main sectors of Malaysia's tin-based products manufacturing industry, namely the tinplate, solder and pewter sectors as listed below:

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### ORDINARY MEMBERS:

#### TINPLATE

Perusahaan Sadur Timah Malaysia Bhd (PERSTIMA)

#### SOLDER

Nihon Superior (M) Sdn Bhd  
Premium Metal Sdn Bhd  
RedRing Solder (M) Sdn Bhd  
Rian Resources Sdn Bhd  
Selayang Metal Industries Sdn Bhd  
Selayang Solder Sdn Bhd  
Senju (M) Sdn Bhd  
Shen Mao Solder (M) Sdn Bhd

#### PEWTER

Oriental Pewter Sdn Bhd  
Royal Selangor International Sdn Bhd  
Selwin Pewter Sdn Bhd  
Tumasek Pewter Sdn Bhd

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### ASSOCIATE MEMBER:

Malaysia Smelting Corporation Bhd



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603 4145 6000 / [visitorcentre@royalselangor.com](mailto:visitorcentre@royalselangor.com)

[royalselangor.com](http://royalselangor.com)



# **PREMIUM METAL SDN BHD**

## **SERVICES PROVIDED**

- Collect tin scrap and secondary waste
- Re-melt into solid metal
- To refine and remove impurities
- We have facility to check and analyse element content
- To recycle and refine tin waste become tin alloy ingot for reuse purpose



## **TIN ALLOY INGOT AVAILABILITY**

- Tin / Lead Ingot
- Tin / Copper Ingot
- Tin / Copper / Silver Ingot
- Tin / Silver Ingot



## **PREMIUM METAL SDN BHD**

(1159072-v)

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