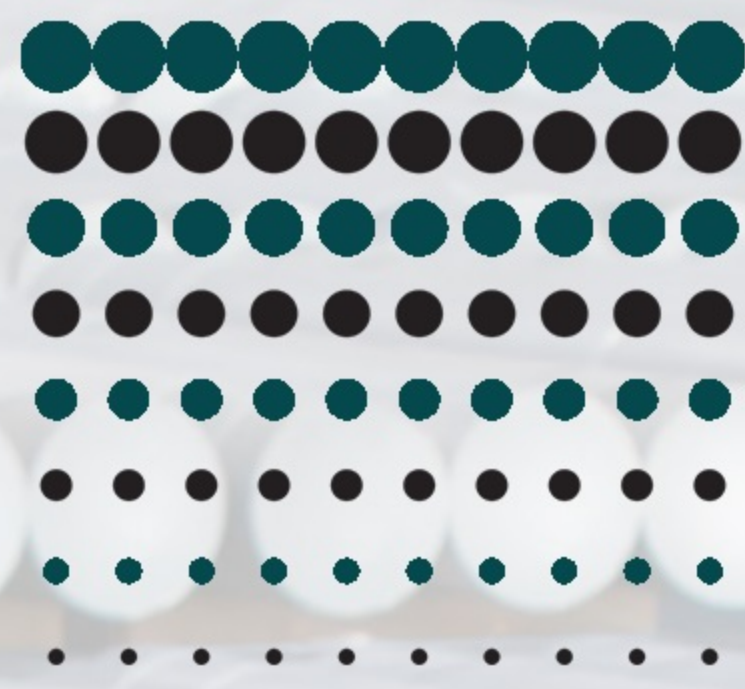


## Focusing on Green Aluminum Supply Chain





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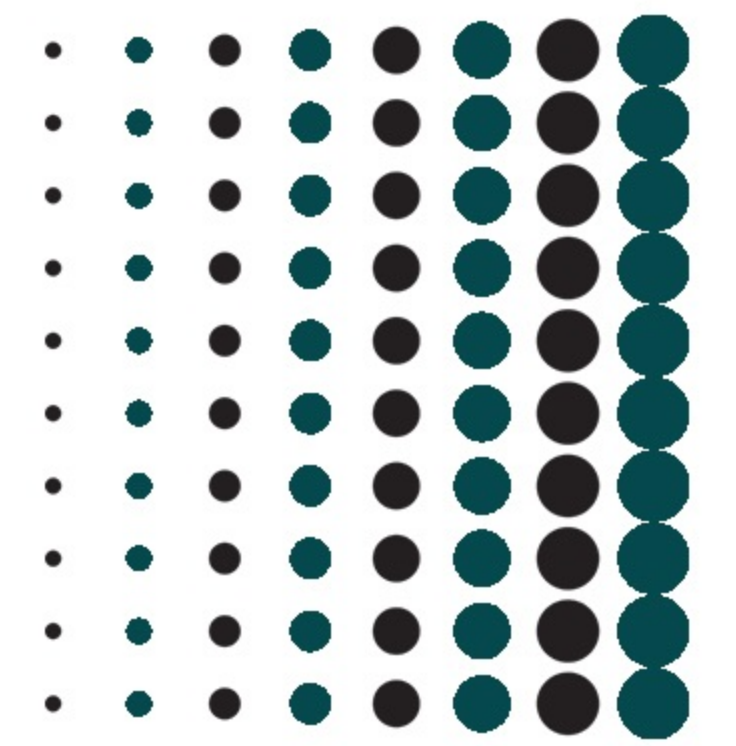
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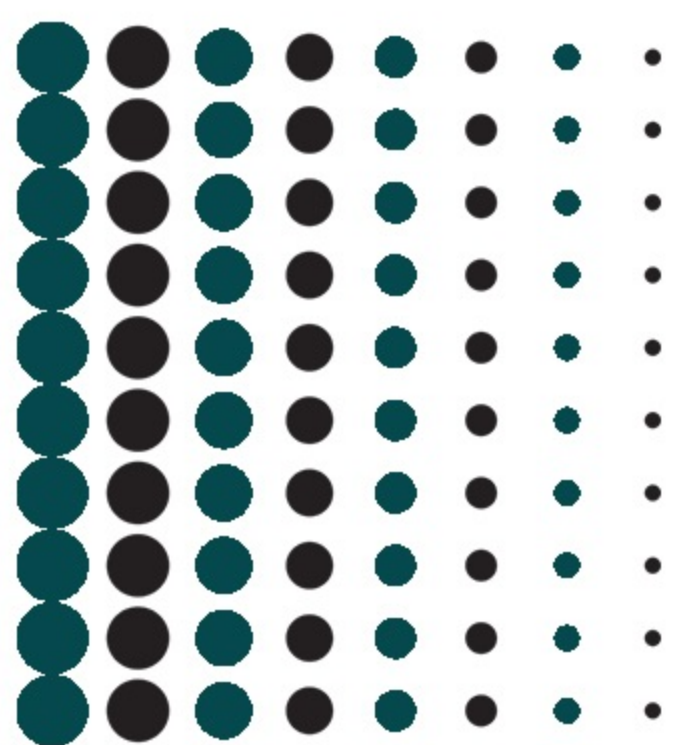
## Foundation

# ABOUT US



ONE SKY is an integration of Recycling  
-Treatment-Smelting-Manufacturing into one full industry chain.

The factory covers an area of 300,000 square meters and is  
located in San Simon, Pampanga, Philipppines



## Corporate Culture

We always adhered to the corporate social responsibility and  
environmental protection concepts, and strives to do the best in  
factory emission management to avoid burdening the social  
environment.




# PROTECTING THE PLANET

Recycling is crucial for protecting the planet, especially with a growing global population predicted to reach 9 billion by 2030. ONESKY ultimate goal is to create a circular economy where no aluminum ends up in landfills.

Making recycled aluminum is

**95%**

less carbon intensive than making primary aluminum





## The metal of future

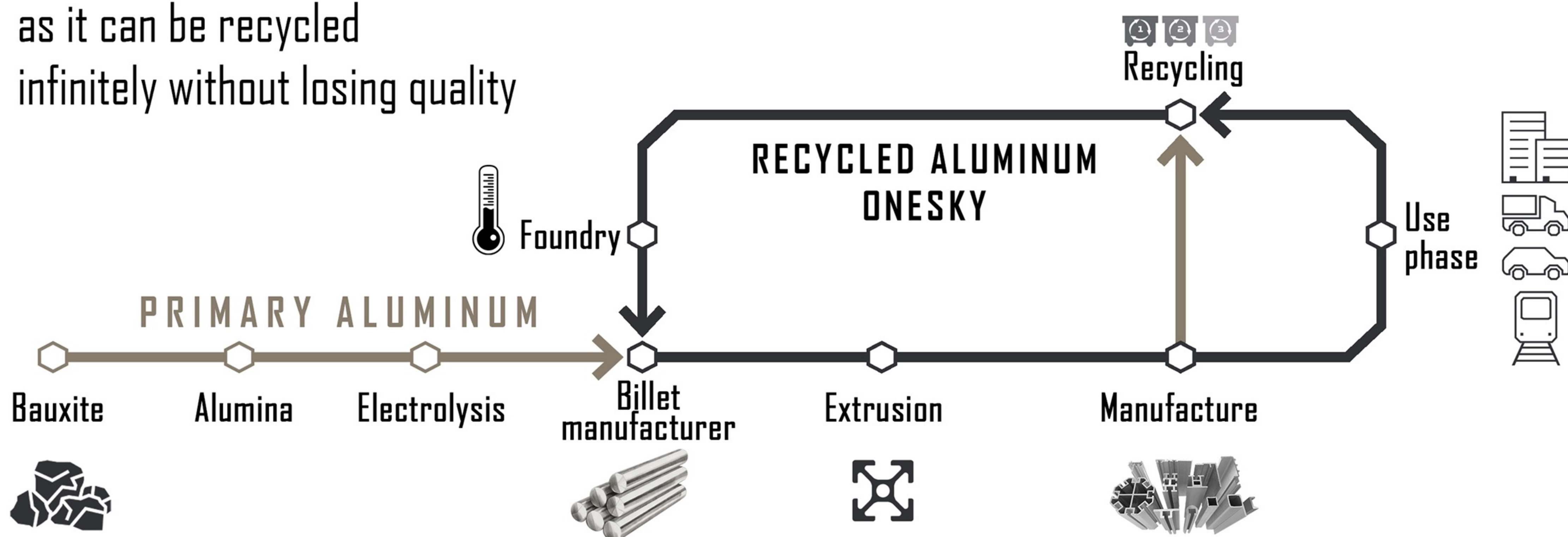
ONE SKY is the largest aluminum industrial company and “Premium Aluminum” producer in the Philippines.

# HOW WE WORK

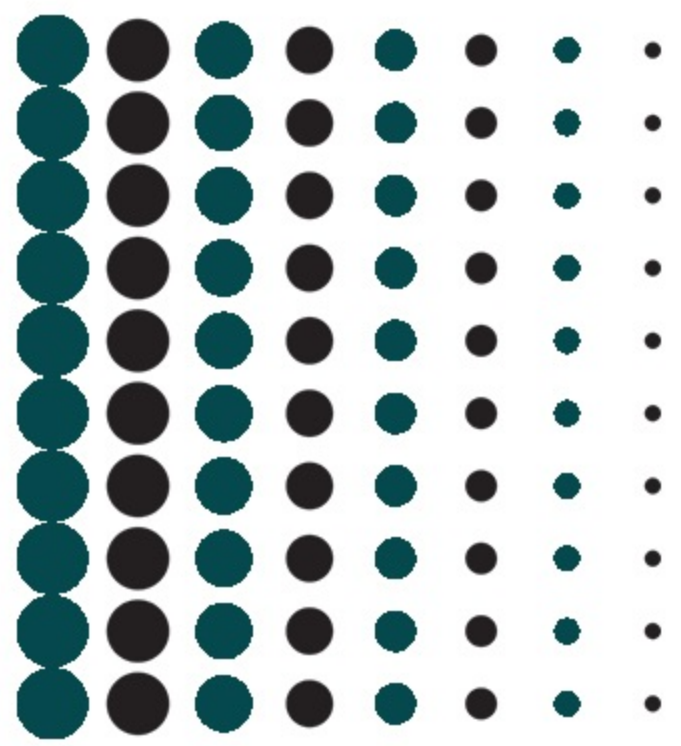
At ONESKY, our approach is rooted in innovation and sustainability. We start by meticulously recycling aluminum waste, which we then transform into high-quality aluminum billets and ingots.

Aluminum is unique  
as it can be recycled  
infinitely without losing quality

## AN ENDLES CYCLE

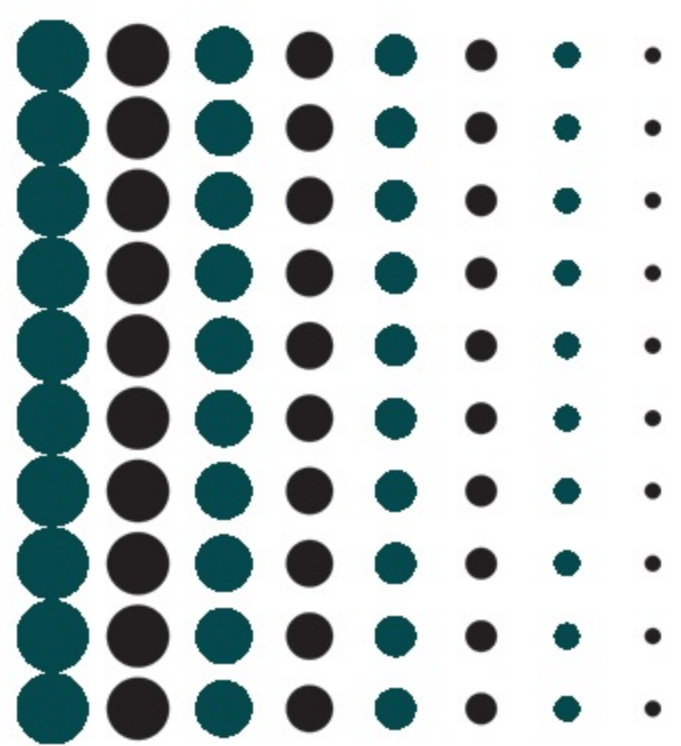
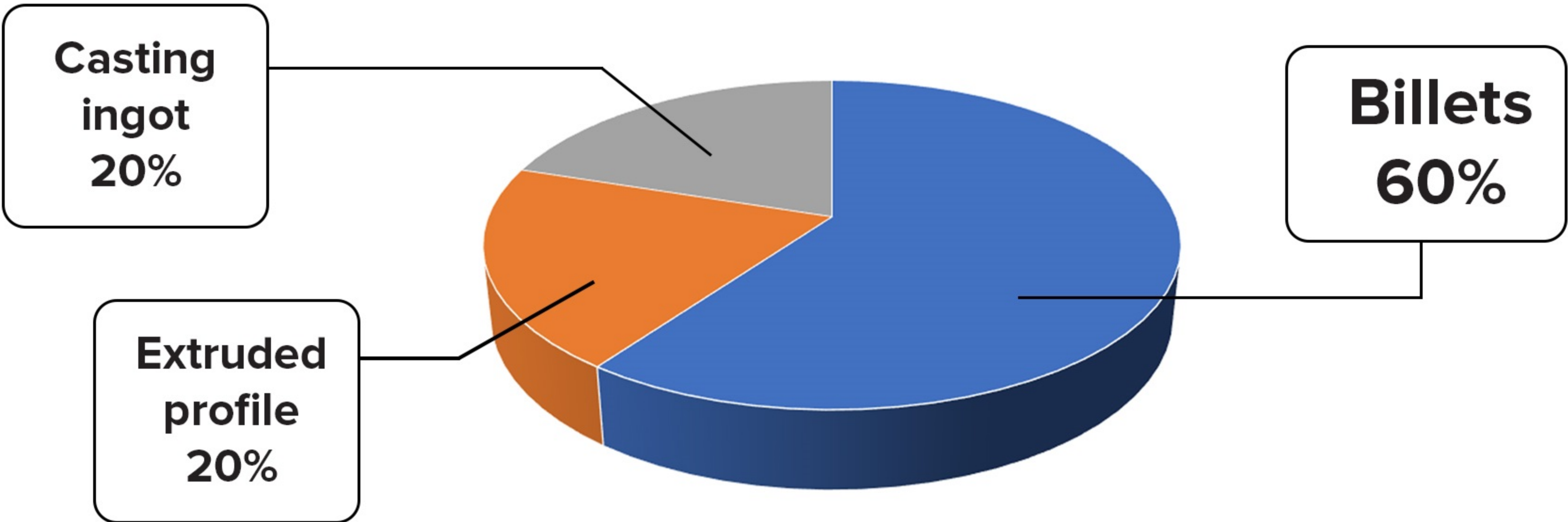


2.95  
kg of  $\text{CO}_2$   
per kg of  
aluminum



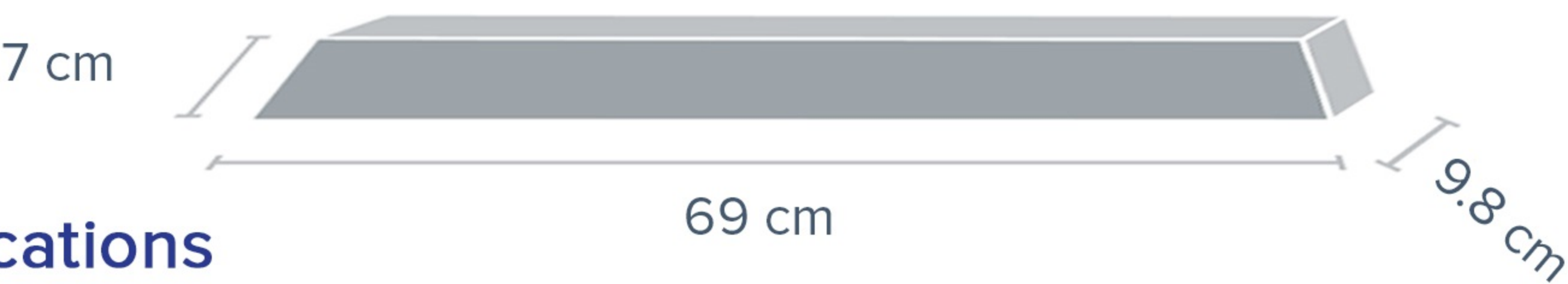
# OUR PRODUCTS

- **Casting Ingot Alloy** (used in the production of various metal products such as sheet metal, wire, tubing, automotive and aerospace industries)
- **Billets** for extrusion and forging (for construction, industrial, transportation and automotive purposes)
- **Extrude profile** in powdercoated and Anodizing finish



## Casting ingot alloy

ONE SKY has rich knowledge and experience in metal materials with high-precision smelting processing technology and equipment. We have certain advantages in product strength, product accuracy, high hardness and high strength.

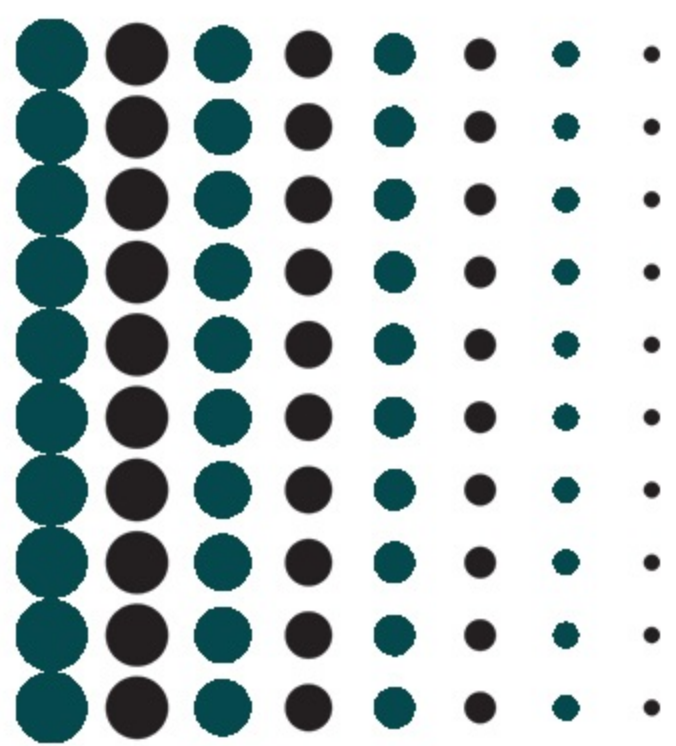


### Availability and specifications

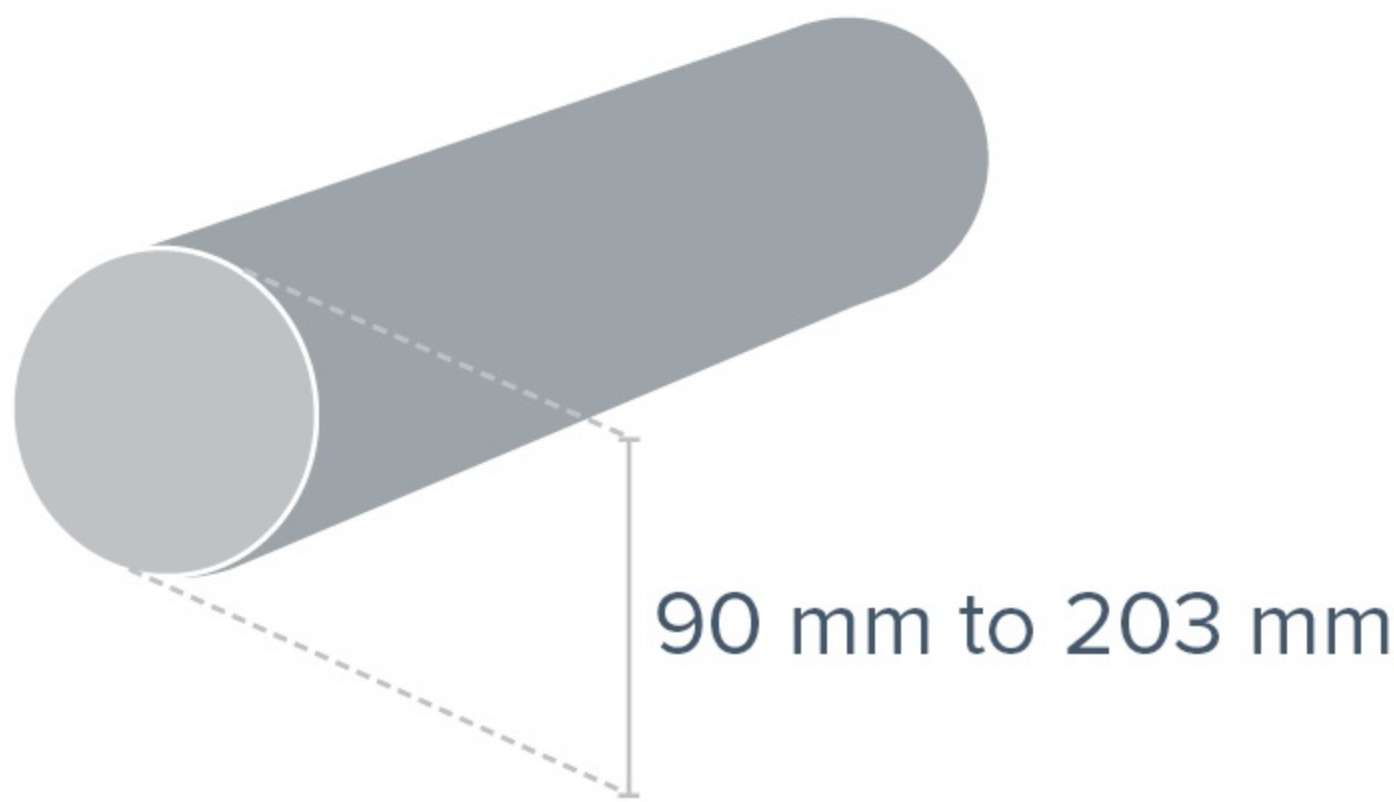
<b>Alloys:</b> A356.2, AlSi3Sr, AlSi3Mg, AlSi7Mg, AlSi9Mg, AlSi9MgMn, AlSi10Mg, AlSi10MgMn, AlSi11Mg, AlSiMgCu (available in both Sr modified and unmodified)	<b>Packaging:</b> Packed in bundles for convenient forklift handling
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### Casted Ingots

Weight:	depends on the thickness
Dimensions:	69cm x 9.8cm x 6-7cm (length x width x height)



# Billets for forging and extrusion



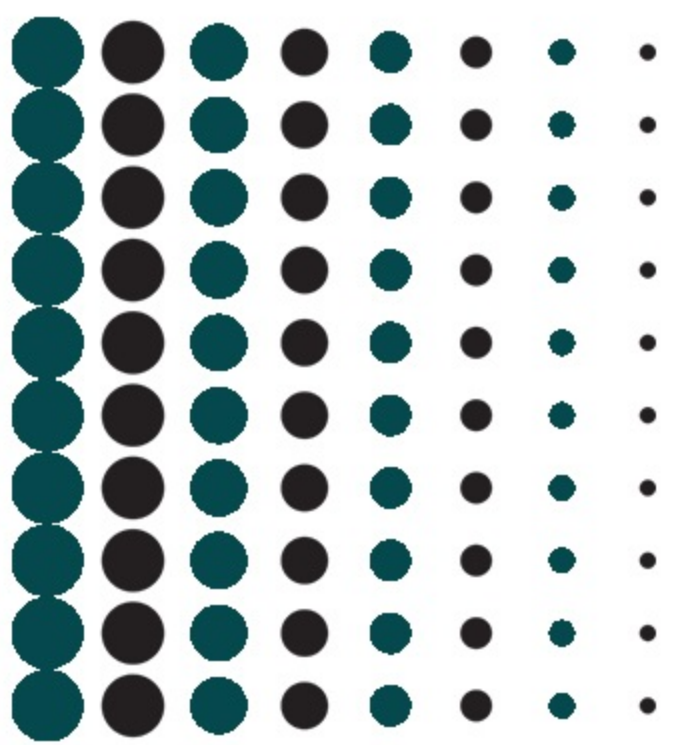
## Availability and specifications

**Alloys:**  
Produced in common AA alloy series 6000 to customer specifications.

**Packaging:**  
Packed in steel or plasticstrapped bundles on wooden runners for convenient fork-lift handling.

## Sheet Ingots

Diameters:	90 mm, 100 mm, 120 mm, 127 mm, 152 mm, 178 mm, 203 mm
Diameter tolerance:	+1 mm
Billet cut lengths:	300 mm to 6,000 mm
Bow tolerances:	2 mm per meter length of a log
Squareness of cut:	1 mm per 100 mm of the diameter; or 0.5° maximum deviation



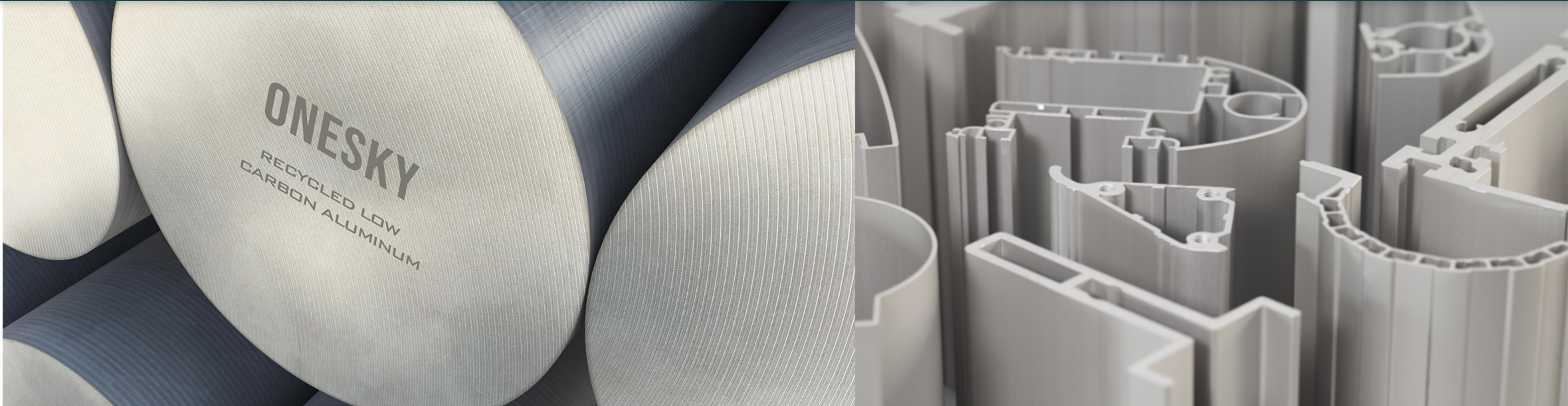
# Extrude profile in powdercoated and Anodizing finish

Aluminum extrusion provide an array of benefits in terms of the characteristics and available industrial applications. At ONESKY, we are the leading aluminum extrusion supplier you can trust in the Philippines to deliver the aluminum extrusion shapes you need for your projects and applications.

The powder coating finish on aluminum surface offers high resistance toward heat, acids, humidity, salt, detergents, and UV. It is very suitable for residential and commercial architectural applications in both indoor and outdoor use, like aluminum frames for windows and doors, ceiling, railing, fence, etc.

The anodization process creates a surface that is up to three times harder than standard aluminum. It is resistant to chipping, flaking, peeling, rusting, patination, and weathering

# EXTRUSION LINE



**We possess advanced technology and capacity to transform aluminum waste into high-value aluminum billets and ingots. These materials serve as crucial raw materials for extrusion presses and die casting.**

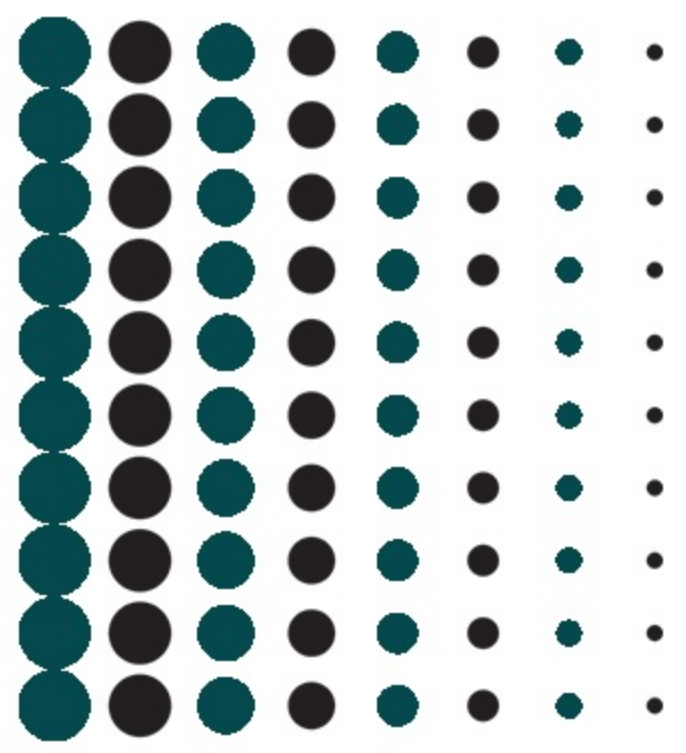
**In a forward-looking economic approach, we are the pioneering large-scale enterprise that converts aluminum waste into aluminum sections and bars for use in vital national construction projects.**

# APPLICATION



**Aluminum profiles are widely used in building, doors and windows, curtain walls, solar brackets, industry, new energy vehicles and other fields**





# Aluminum recycling process

## (Remelt low-carbon billets)

In response to climate change and the challenges facing the world, ONE SKY offers certified low-carbon and recycled aluminum products which help customers minimize the carbon footprint of their products while ensuring responsible production.

**1**

**COLLECTING  
ALUMINUM SCRAP**



**2**

**CRUSHING  
(MAGNETIC SEPARATION)**



**3**

**X-RAY SORTER  
(NON-FERROUS METAL SCRAP  
RECYCLING)**



**4**

**SMELTING**



**5**

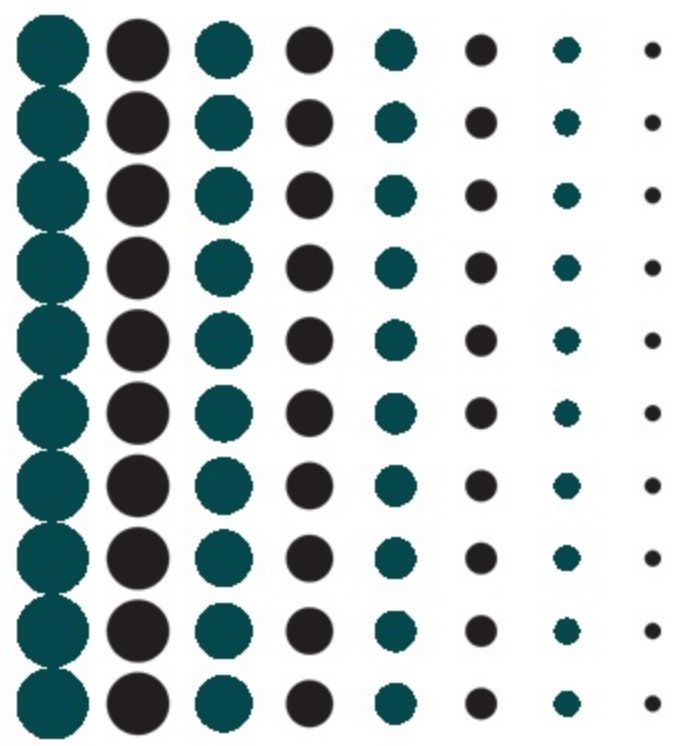
**CASTING**



**6**

**FINAL PRODUCT**





# ANNUAL OUTPUT

It currently has an annual casting production capacity of 100,000 tons and an annual output value of 30,000 tons of extruded profiles.


## Ingot Chemical Composition

Code	Si%	Cu%	Zn%	Mg%	Mn%	Fe%	Ti%	Ni%	Mo%	Zr%	Pb%	Sn%	Sr%	Cr%	other (each)	other (each)
ADC12	9.6-12.0	1.5-3.5	<1.0	<0.3	<0.5	<1.3	<0.3	<0.5	—	—	<0.15	<0.2	—	—	<0.05	<0.15
A380	7.5-9.5	3.1-4.0	<3.0	<0.1	<0.5	<1.0	<0.1	<0.5	—	—	<0.1	<0.35	—	—	—	<0.50
ADC10	7.5-9.5	2.0-4.0	<1.0	<0.3	<0.5	<1.3	<0.1	<0.5	—	—	<0.1	<0.2	—	—	<0.05	<0.15
AC46000	8.0-11.0	3.1-4.0	<1.2	0.15-0.55	<0.55	0.6-1.1	<0.20	<0.55	—	—	<0.35	<0.15	—	<0.15	<0.05	<0.25
A360	9.0-10.0	<0.4	<0.50	0.45-0.6	<0.35	<1.0	<0.25	<0.50	—	—	—	<0.15	—	—	—	<0.25
ALSi10MnMg	9.0-11.5	<0.05	<0.07	0.40-0.60	0.60-0.80	<0.25	<0.20	—	—	—	—	—	0.010-0.030	—	<0.05	<0.15
YL102	11.0-13.0	<0.10	<0.10	<0.1	<0.30	0.6-0.8	<0.1	<0.1	—	—	<0.05	<0.1	—	—	<0.05	<0.25
ADC1	11.0-13.0	<0.10	<0.10	<0.1	<0.30	0.6-0.8	<0.1	<0.1	—	—	<0.05	<0.1	—	—	<0.05	<0.25
ALSi12(Fe)	11.0-13.0	<0.10	<0.10	<0.1	<0.30	0.6-0.8	<0.1	<0.1	—	—	<0.05	<0.1	—	—	<0.05	<0.25
ENAC-43400/ ALSi10Mg(Fe)	9.0-11.0	<0.10	<0.15	0.20-0.50	<0.55	<1.0	<0.20	<0.15	—	—	<0.15	<0.05	—	—	<0.05	<0.10
EN-AC42100 (A356)	6.5-7.5	<0.03	<0.07	0.35-0.45	<0.10	<0.12	<0.18	—	—	—	—	—	—	—	<0.03	<0.10
AlSi9MnMoZr	9.0-10.5	<0.05	<0.07	<0.06	0.40-0.55	<0.15	—	—	0.1-0.3	0.1-0.3	—	—	—	—	<0.05	<0.10

## Billet Chemical Composition

6063		6061		6005		6082	
Element	Weight Percentage (%)	Weight Percentage (%)	Weight Percentage (%)	Weight Percentage (%)	Weight Percentage (%)	Weight Percentage (%)	Weight Percentage (%)
Aluminium (Al)	97.5 to 99.35%	95.85 to 98.56%	97.5 to 99.0%	95.2 to 98.3%			
Magnesium (Mg)	0.45 to 0.9%	0.8 to 1.2%	0.4 to 0.6%	0.6 to 1.2%			
Silicon (Si)	0.2 to 0.6%	0.4 to 0.8%	0.6 to 0.9%	0.7 to 1.3%			
Iron (Fe)	<0.3%	<0.7%	<0.3%	<0.5%			
Chromium (Cr)	<0.1%	0.04 to 0.35%	<0.1%	<0.25%			
Copper (Cu)	<0.1%	0.15 to 0.4%	<0.1%	<0.1%			
Manganese (Mn)	<0.1%	<0.15%	<0.1%	0.4 to 1.0%			
Titanium (Ti)	<0.1%	<0.15%	<0.1%	<0.1%			
Zinc (Zn)	<0.1%	<0.25%	<0.1%	<0.2%			
Residuals	<0.15% total	<0.15% total	<0.15% total	<0.15% total			

# CONCLUSION



**ONESKY** looks forward  
to developing together  
with our customer and  
creating a better future

# FOUNDATION



Recognizing the urgency to combat poverty and assist the urban poor, Mr. Anson Juanitas is driven by his mother's compassionate legacy. Inspired to make a difference, especially for unwell children in the Philippines lacking access to healthcare, he channels his business success into developing programs to address their needs and concerns.



Sustainability is integral to **ONESKY'** business model and identity, emphasizing environmental stewardship.

Manufacturing Address:

NDC Aluminum Industrial Park, Manabak Rd,  
brgy. San Pedro, San Simon, Pampanga,  
Philippines, 2015



[www.onesky.ph](http://www.onesky.ph)