

SL METALS CORPORATION

Secondary Aluminum Alloy — ADC12

This reference document is for SL Metals customers and commercial counterparts in USA, Japan, China, Europe, and South America. All alloys are available in ingot form, with full Certificate of Analysis (CoA) per shipment.

Typical analysis

Si 9.6 % - 12.0 %

Fe < 1.3 %

Cu 1,5 % - 3,5 %

Mn < 0.50 %

Mg < 0.30

Ni < 0.50 %

Zn < 1.0 %

Pb < 0.20 %

Sn < 0.20 %

Ti < 0.30 %

Ingot weight – 5.0 kg

Ingot size – 700 mm x 100 mm x 500 mm

Bundle weight – 500 kg or to customer requirement, suitable for fork lift handling

Mechanical properties of test pieces (average results of 10 pieces)

Tensile strength MPa – 214

Proof stress MPa – 148

Elongation % - 1.7

Hardness Brinell (HB) – 76



Contact & Quote Requests

To request a quote, please provide: alloy grade (or local standard designation), quantity (MT or FCL), destination port, packaging preference, and company introduction.

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