Aluminum Rods *Technical Data Sheet*



Description

EC Grade 1350 Pure Aluminum Rods are manufactured using Continuous Casting and Rolling (CCR) technology, ensuring high conductivity and mechanical reliability.

Diameter: Ø9.5mm ±0.5mm Standard Compliance: ASTM B233

Mechanical Properties

Temper	Tensile Strength (Mpa)	Elongation % Min. (250mm Gauge Length)
H11	80-95	10
H12	83-117	4
H14	103-138	4

Electrical Properties

Temper	Resistivity (Ω∙mm²/m)	Conductivity (% IACS)
H11	0.02785	61.9%
H12	83-117	61.5%

Chemical Composition

Element	ASTM B233 Requirement
Aluminum (Al), min.	99.6%
Silicon (Si), max.	0.1%
Iron (Fe), max.	0.4%
Copper (Cu), max.	0.05%
Manganese (Mn), max.	0.01%
Magnesium (Mg), max.	0.03%
Chromium (Cr), max.	0.01%
Zinc (Zn), max.	0.05%
Gallium (Ga), max.	0.03%
Vanadium (V) + Titanium (Ti), max.	0.02%
Boron (B), max.	0.05%
Others (each), max.	0.03%
Others (total), max.	0.1%

Packaging

Coil Weight 2000 kg ±10% Internal Diameter Ø550-600 mm External Diameter Ø1300-1340 mm Coil Height 850-900 mm Polyethylene Sheet wrapped, strapped on wooden pallets

The information in this datasheet is provided for guidance purposes and is subject to change without notice. While compiled in good faith and deemed accurate at publication, Jeddah Cables assumes no liability for its application. Please note that actual dimensions may vary due to standard manufacturing tolerances.