

Copper Rods

Technical Data Sheet



Description

Energya Pure Copper Rods are manufactured to Grade C11020 in accordance with ASTM B491, and are primarily used for wires and cables.

Diameter: Ø8.0mm ±0.38mm
Standard Compliance: ASTM B491

Mechanical Properties

Tensile Strength (N/mm ²)	Elongation % min. (250mm Gauge Length)
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min. 220	25%
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Surface is clean and free from Imperfections
Surface Oxide Max : 750 Å

Electrical Properties

Conductivity (% IACS)

100%

Chemical Properties

Element	Unit	ASTM B491 Requirement
Copper (Cu), max.	%	100%
Oxygen Content, max.	ppm	400

Packaging

Coil Weight 4185 kg ±10%
Internal Diameter Ø750-780 mm
External Diameter Ø1750-1800 mm
Coil Height 750-800 mm
Polyethylene Sheet wrapped, strapped on wooden pallets

