

Copper Rods

Technical Data Sheet



Description

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

Diameter: $\varnothing 8.0\text{mm} \pm 0.38\text{mm}$
Standard Compliance: ASTM B491

Mechanical Properties

Tensile Strength (N/mm²) Elongation % min.
(250mm Gauge Length)

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 $\pm 10\%$

Internal Diameter $\varnothing 750\text{--}780\text{ mm}$

External Diameter $\varnothing 1750\text{--}1800\text{ mm}$

Coil Height 750–800 mm

Polyethylene Sheet wrapped, strapped on wooden pallets

