

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/mm ²)	Elongation % Min. (250mm Gauge Length)
228 $\pm$ 3	30% $\pm$ 2

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.	%	99.9%
Oxygen Content, min.	ppm	400

Packaging

Polyethylene Sheet wrapped, strapped on
wooden pallets