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/mm2)	Elongation % Min. (250mm Gauge Length)
228 ± 3	30% ± 2
Surface is clean an	d free from Imperfections

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

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.