

SPECIFICATIONS FOR COPPER BARS

Parameter	Specification
Product Name	Copper Bars
Material	High-Purity Copper
Copper Purity	Typically, 99.90% – 99.99% Cu
Common Grades	C10100 (OFE), C11000 (ETP), C10200, or equivalent
Shape Options	Flat, Rectangular, Square, Round
Size Range	Customized according to customer requirements
Length	Standard or customized lengths
Surface Finish	Bright, Polished, Mill Finish
Color	Reddish-Brown Metallic
Density	Approx. 8.96 g/cm³
Electrical Conductivity	Up to 100% IACS or higher (depending on grade)
Thermal Conductivity	Excellent
Tensile Strength	Typically 200 – 350 MPa (depending on grade and temper)
Hardness	According to grade and temper
Corrosion Resistance	Excellent
Machinability	Good to Excellent
Weldability	Excellent
Applications	Busbars, switchgear, transformers, grounding systems, electrical panels, power distribution, industrial equipment, construction, and engineering
Standards	ASTM, EN, DIN, JIS, or customer specifications
Packaging	Bundles, wooden crates, export-worthy packaging
MOQ	As per supplier agreement
Origin	Available upon request