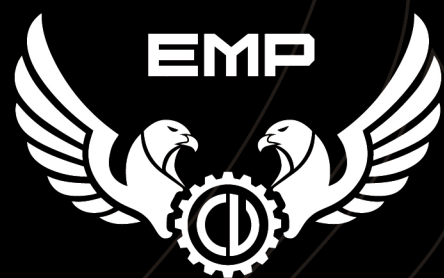


EMP



ابتکار مس پارسی

Product Catalogue
2026

ابتکار در ساخت ، اعتماد در کیفیت

Oxygen Free Copper Strip

تولید تسمه



TECHNICAL SPECIFICATION

Oxygen free copper strip

STANDARD

ASTM B187 EN13601

TYPICAL ANALYSIS

Copper min 99.99%

Oxygen max 10 ppm

OFE copper according to ASTM B49(c10200) and EN1977 Standard code

PACKAGING

On wooden pallet 1.8 *1.8 with plastic cover

Coil Inner Diameter : 85 cm

Coil outer Diameter: 165cm

Weight 1.5–2.5 ton/coil (other weight upon request)

Size 6*8mm

Thickness(mm) : 6 width (mm):8 length(m) :3000–6000

PHYSICAL SPECIFICATION

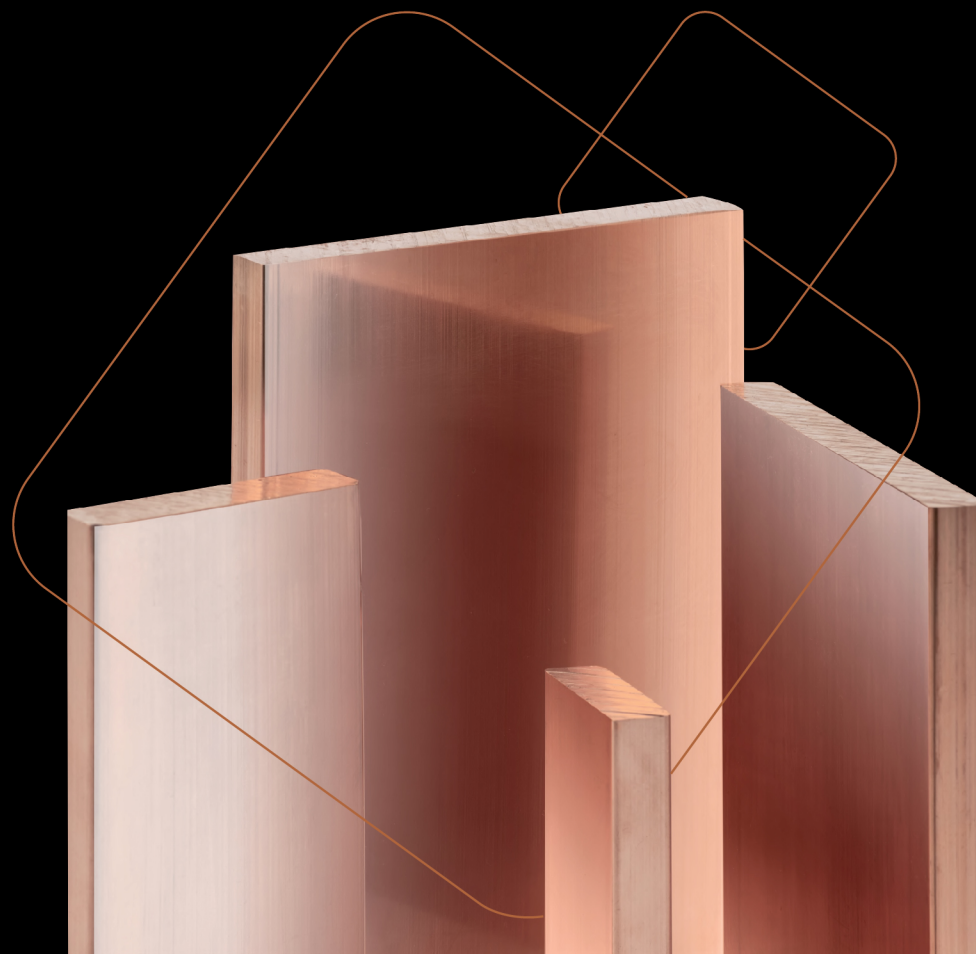
Electrical conductivity @ 20°C : >100% IACS

Tensile strength : 240 n/ mm²

Elongation : >35%

Hardness : 40 to 100 HV

Density : 8.94 g/cm³



Oxygen Free Copper Rod

تولید مفتول



TECHNICAL SPECIFICATION

Oxygen Free Copper Rod

STANDARD

ASTM B49-10

TYPICAL ANALYSIS(UNS NUMBER C 10100)

Copper include silver	min 99.99%
Oxygen	0-5 ppm

PACKAGING

On wooden Pallet 1.8m*1.8m with plastic cover
Coil Inner Diameter 95cm
Coil outer Diameter 180cm
Weight 4 – 4.8 ton/coil (other weights upon request)

PHYSICAL CHARACTERISTICS AND MECHANICAL PROPERTIES

Diameter:	8mm & 12mm
Length:	10000 – 11000 m
Electrical Conductivity @ 20°C	>101 %IACS
Oxide Film thickness	15 – 50 Å
Tensile strength	175 N/mm ²
Elongation (A250)	>54%
Hydrogen Embrittlement	>10 bends
Drawability	0.05 mm



Copper Rod

میلگرد مسی



Ebtakar Mes Parsian Co. has successfully met a significant share of the industry's demand by manufacturing copper wire rods and copper bars using the CONFORM process. Copper wire rods with diameters ranging from 8 to 25 mm are produced and supplied in coil form. Diameters from 16 to 90 mm can be manufactured as copper bars according to customer requirements and delivered in bundles.

Copper Wire Rods and Copper Bars are manufactured with the following specifications:

TECHNICAL SPECIFICATION

Copper Purity Cu	$\geq 99.99\%$
Oxygen Content	$02 < 10 \text{ ppm}$
Standards	JIS H3140:2018 / BS EN 13601:2021
Dimensions	8, 16, 22, 25 mm
Net Weight	Approx. 2.5 Tons
Packaging	Coil / Bundle

