



**Copper
billets**

Copper billets

Producer	KGHM Polska Miedź S.A. Legnica Smelter Division	
Product	Billets of electrolytic refined tough pitch copper	Billets of phosphorus deoxidized copper
Grade – standard	Cu-ETP1, Cu-ETP according to PN-EN 1976, C 11000 according to ASTM B 224-92 and B 133M-93a	Cu-HCP, Cu-PHC, Cu-DLP, Cu-DHP according to PN-EN 1976, C 12000, C 12200 according to ASTM B 224-92 and B 133M-93a
Content	Oxygen, up to 400 ppm	Phosphorus, 20-400 ppm
Charge material	Copper cathodes: type Cu-CATH-1, Cu-CATH-2	
Produced diameters	Diameters: 120-310 mm Typical diameters: 146, 175, 183, 190, 203, 216, 234, 246, 254, 273, 300, 303 mm ± 2 mm Standard length: 300-2500 mm Maximum length: 3000 mm Tolerance of length: • ± 5 mm (for the length of 300-1000 mm) • ± 10 mm (for the length of 1500-3000 mm) Other dimensions can be produced on request.	
Packing	Wooden pallets, metal pallets, bundles	

- The Legnica Smelter Division of KGHM Polska Miedź S.A. holds Integrated Management System Certificates conforming to PN-EN ISO 9001:2009, PN-EN ISO 14001:2005, PN-N 18001:2004 and OHSAS 18001:2007, with respect to the production of copper billets from smelted copper cathodes and copper billets from oxygen-free copper cathodes smelted with phosphorous.



KGHM Polska Miedź S.A.

Semi-Products Department

ul. Marii Skłodowskiej-Curie 48, 59-301 Lubin, Poland

tel. +48 76 74 78 882, 886, 830, 869, 857, 844, 867, 802, 885

fax +48 76 74 78 809, 506, 822

www.kghm.com