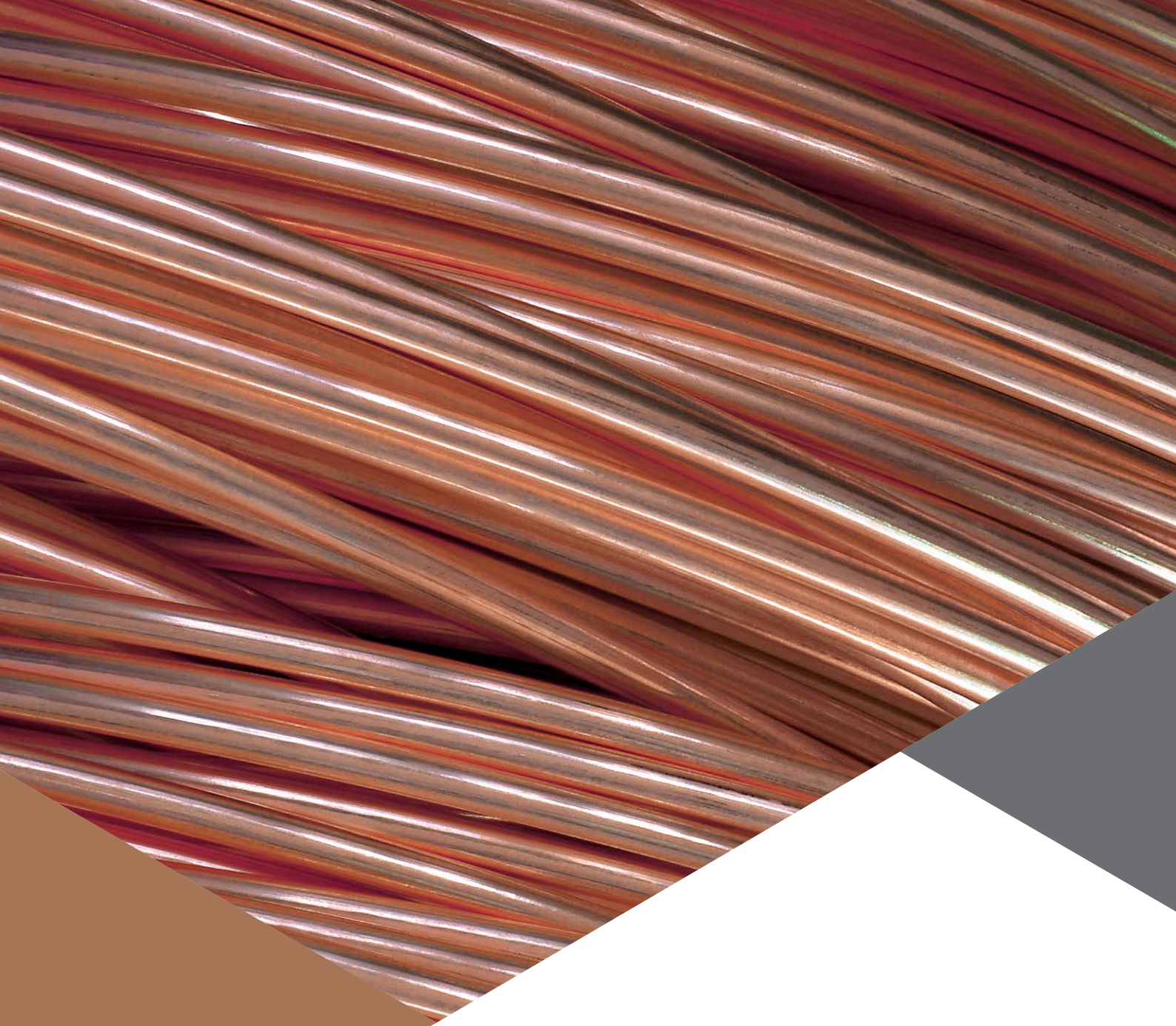

KGHM

Copper wire rod

Copper wire rod

Producer	KGHM Polska Miedź S.A. Cedynia Wire Rod Plant Division in Orsk
Product	Copper Wire Rod Cu-ETP-8-CL
Standard	PN-EN 1977, ASTM-B 49, DIN-1708
Charge material	Cathode grades: Cu-CATH-1; brands: HML, HMG-B, HMG-S
Impurities	Max. 30 ppm O_2 = 150–190 ppm (max. 400 ppm)
Physical properties	Electrical conductivity in 20°C: min. 58.8 MS/m (101.4% IACS) Spiral Elongation (EN 12893): min. 380 or alternative examination method – AR test: min. 20% Elongation (200 mm): 44% ± 4% Tensile strength (200 mm): 225 MPa ± 5 MPa
Packing	The wire rod is supplied in coils of approx. 4.75 mt weight, in one piece without joins. The coils are transported on wooden pallets, secured with PET straps. Each coil is secured with stretch foil to protect it from external conditions. Pallet dimensions: 1750 x 1750 x 150 mm Internal coil diameter: 1130 mm External coil diameter: 1800 mm

- The Cedynia Wire Rod Plant Division of KGHM Polska Miedź S.A. produces 8 ± 0.4 mm copper wire rod using the method of continuous melting, casting and rolling.
- The surface of the wire rod is cleaned by the alcohol method and coated with a synthetic wax layer which protects the surface against oxidation during transport and storage.
- The wire rod has a uniform microstructure, with uniform oxygen distribution. Oxygen content is low enough to ensure good drawability and a low recrystallisation temperature.
- The Cedynia Wire Rod Plant Division of KGHM Polska Miedź S.A. holds an Integrated Management System Certificate conforming to the following standards: ISO 9001, ISO 14001, ISO 45001, ISO 50001 and ISO 22301 in terms of manufactured products and implemented processes. All our certificates are available on the website: www.kghm.com.

KGHM

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