

Copper Cathodes

NA-ESN | HK | OLEN | PIRDOP

 **Aurubis**

High purity and consistent quality



Aurubis cathode brands are produced with ISA Technology and comply with the cathode standards LME Grade A, Cu-CATH-1 (EN 1978) and Copper Cathodes Grade 1 (ASTM B115). Aurubis cathode production sites are all certified in accordance with ISO 9001 and ISO 14001.

AURUBIS CATHODES

Aurubis copper brands “NA-ESN”, “HK”, “OLEN” and “PIRDOP” are registered at the LME and characterized by their high purity and consistent quality. These cathodes form the basis for high-grade Aurubis copper products.



Facts & Figures Cathodes

- 1.2** • million t of cathodes a year
- 4** • production sites in three European countries
- 1876** • the year when Aurubis was the first company in the world to apply the electrolysis method on a large industrial scale
- 4** • different copper brands with uniform and consistently high quality

HIGH PURITY AND CONSISTENT QUALITY AURUBIS COPPER BRANDS NA-ESN / HK / OLEN / PIRDOP

DIMENSIONS	NA-ESN	HK	OLEN	PIRDOP
Length (approx.)	965 mm	1060 mm	1005 mm	1000 mm
Width (approx.)	975 mm	906 mm	995 mm	1020 mm
Thickness (approx.)	5-10 mm	5-10 mm	5-10 mm	5-10 mm
Weight (approx.)	50-70 kg	50-70 kg	50-70 kg	50-80 kg

ANALYSIS OF NA-ESN, HK, OLEN AND PIRDOP CATHODES MINIMUM COPPER CONTENT 99.99 %

Pb	Bi	As	Sb	Sn	Zn	Fe	Ni	Co	Cr	Cd	Mn	Se	Te	Ag	S
<1	<0.5	1	1	<1	<1	<2	<2	<1	<1	<1	<1	<0.5	<0.5	10-17	<5

(data in ppm)

LEADING COPPER GROUP WORLDWIDE

Aurubis is a leading integrated copper group and the world's largest copper recycler. We produce 1.2 million t of copper cathodes each year and from them a variety of copper products. Aurubis has about 6,300 employees, production sites in Europe and the USA and

an extensive service and sales organization for copper products in Europe, Asia and North America.

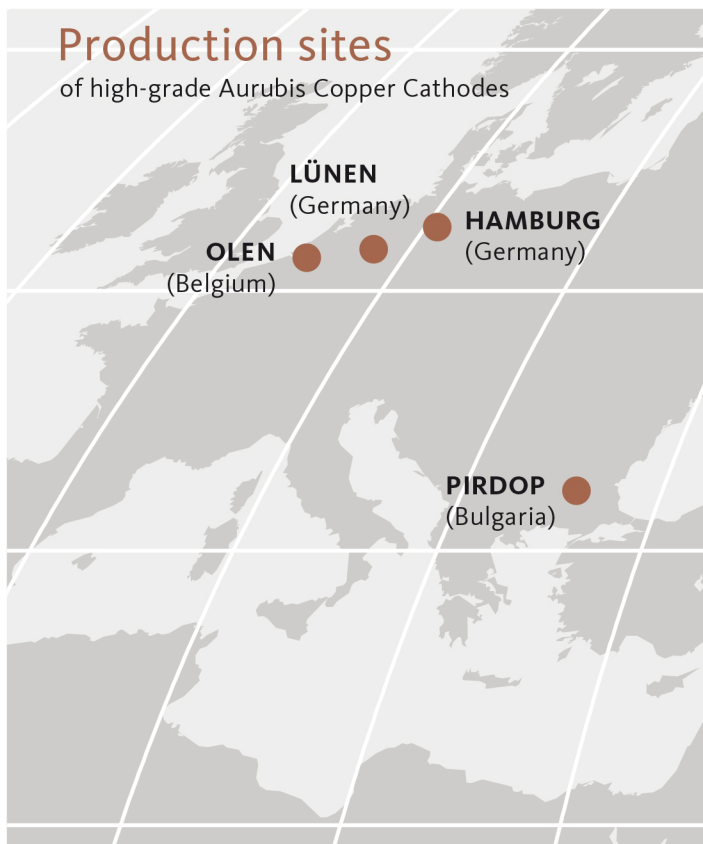
Thanks to our wide range of services, we rank among the global leaders in our industry. Aurubis is oriented to growth and to increasing corporate value. The main focus of our strategy is on strengthening our business,

utilizing growth opportunities and practicing a responsible attitude when dealing with people and handling resources and environmental issues.

Aurubis shares are part of the Prime Standard Segment of the Deutsche Börse and are listed in the MDAX, the European Stoxx 600 and the Global Challenges Index (GCX).

Production sites

of high-grade Aurubis Copper Cathodes



OUTSTANDING SERVICE

Aurubis offers its customers comprehensive commercial and technical services, geared entirely to the needs of our customers.

Contacts for AURUBIS CATHODES

Martin Sjöberg / Veselin Plahov
Marketing Cathodes
Tel.: +49 40 7883-2251
Fax: +49 40 7883-2215
E-mail: cathodes@aurubis.com

Imprint

Editor

Aurubis AG
Hovestrasse 50
D-20539 Hamburg
Germany
Tel.: +49 40 7883-0
Fax: +49 40 7883-2255
www.aurubis.com

Concept/Realization:
Mediengruppe Hamburg GmbH
Photos: PR Aurubis AG
Status: 2012



Our Copper for your Life

www.aurubis.com

