

NORILSK NICKEL HARJAVALTA CATHODES

Producer: Norilsk Nickel Harjavalta

Principal applications:

- Stainless and special steel
- Plating
- Alloys

Product Form:

Full plate cathodes

Dimensions:

Untrimmed cathode 970 x 890 mm

Cathode thickness 8-12 mm

Cathode weight 60-70 kg

Packaging:

Bundles tied with a steel tape

Bundle height 300-1000 mm

Bundle weight 1.5 MT

Chemical Composition, %

	LME	Annual average 2016*
Ni	99.8	>99.9
Co	0.15	0.0260
Cu	0.02	0.0006
C	0.03	0.0012
Fe	0.02	0.0001
S	0.01	0.0008
P	<0.005	<0.0002
Mn	<0.005	<0.0001
Si	<0.005	<0.0005
As	<0.005	0.0002
Pb	<0.005	0.0002
Sb	<0.005	<0.0004
Bi	<0.005	<0.0010
Sn	<0.005	<0.0001
Zn	<0.005	<0.0001

*Nickel values and trace element levels are yearly averages 2016 and can vary from the figures shown above.