

NIBRODAL 116

Nibrodal 116 is a curable alloy from bedra

Fields of application

Rim, temple, bridge, hinge, rim lock, & pad arm

Physical properties

Density (kg/dm³)	8.8
Melting range (°C)	1070 - 1090
E-Modulus (kN/mm²)	116
Thermal conductivity (W/m*K)	33
Coefficient of thermal expansion (10-6/K)	17
Electrical conductivity (MS/m)	4.8 (solution heat treated) / 6.3 (precipitation hardened)

Composition

Cu	balance
Sn	6
Ni	11
Mn	0.3
Others	max. 0.5

Delivery program

Profiles	Round wires / square profiles / flat wires / special profiles
Surface coatings	Several electroplated coatings, upon request
Make-ups	Spools / coils / rods / drums