

Material Data Sheet

for: (200) - Silver - Ag 4N

1. Composition

Ag 99.99%

2. Physical Properties

Melting point	961.9°C
Density	10.5 g/cm ³
Young's Modulus	82 GPa
Colour	white
Linear Coeff. of thermal expansion (25-500°C)	20.7x10 ⁻⁶ K ⁻¹
Electrical resistivity (at 20°C)	1.60 μOhmcm

3. Mechanical Properties

	soft	cold worked
Hardness HV5	600°C/30'/H2O	50%
	26	80
Tensile strength (Rm)	150 MPa	290 MPa
0.2% Proof stress (Rp 0.2%)	28 MPa	
Elongation	50.0 %.	3 %

4. Certification

Manufacture and delivery are constantly monitored according to the quality management system standard according to ISO 9001.

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