BHUJ POLYMERS PVT. LTD.

Technical Data Sheet

Product: Fine Zinc Wire -Thermal Spray Material
Purity 99,995% accord. to DIN EN 1179 (Special-High-Grade)

Chemical composition:

Element	DIN EN 1179 ≥ 99,995%	typical levels
Lead (Pb)	max. 0,003 %	≤ 0.0005
Cadmium (Cd)	max. 0,003 %	≤ 0.0005
Iron (Fe)	max. 0,002 %	≤ 0.0013
Tin (Sn)	max. 0,001 %	≤ 0.0005
Copper (Cu)	max. 0,001 %	≤ 0.0004
Aluminum (AI)	max. 0,001 %	≤ 0.0007
Other	max. 0,005 %	≤ 0.0009
Zinc (Zn)	≥ 99,995%	≥ 99,995%

Material Purity As per BSEN 1179-2003 Z1
The chemical composition is by means of spectral analysis continuously monitored. We issue appropriate evidence (e.g. analysis certificate).

Physical properties:

Tensile strength:	100 – 120 N / mm2
Extension:	minimum 40%
Colour:	light grey / silver
Density:	7,14 g/cm³
Melting point:	420 °C

Diameter and Tolerances:

All standard dimensions for standard metal spray guns are available in diameters of 2,0 - 4,76 mm. The diameter tolerance is (depending on nominal diameter wire) +0 / -0,03 to -0,07 mm. (other diameters on request)

The diameter of the wire is continuously monitored in the production. Corresponding certificate Issued.

Packing:

--Endless in fiber drums
--Endless in metal drums
--Coils
--Spools

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