

Zinc Wire - Thermal Spray Material - 2.1 - Zn 99,99 % according to DIN EN ISO 14919

Material:

Grillo pure Zinc wires are manufactured from high-purity electrolytic zinc. They are suitable for flame and arc spraying. The purity corresponds to the thermal spray material 2.1 - Zn 99,99 % according to DIN EN ISO 14919.

Chemical composition:

Zinc wires according to DIN EN ISO 14919 (Wires, rods und cords for flame and arc spraying)

	typical levels	DIN EN ISO 14919
Zn	≥ 99,99 %	≥ 99,99 %
Other elements:		
Pb	≤0,003 %	≤0,007 %
Cd	≤0,002 %	≤0,004 %
Pb + Cd	≤0,005 %	≤0,011 %
Sn	≤0,001 %	≤0,001 %
Fe	≤0,002 %	≤0,005 %
Cu	≤0,001 %	≤0,002 %
total	≤0,007 %	≤0,010 %

Mechanical / Physical Properties:

Tensile strength R _m	100 - 120 ^{*)}	Mpa
Yield point R _{p0,2}	40 - 70 ^{*)}	Mpa
Elongation A _{100mm}	min. 40 ^{*)}	%
Density	~ 7,14	g/cm ³
Melting point	~ 419	°C

*typical measured value

Diameter:

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 / -0,06 to -0,07 mm. (other diameters on request)

Packing:

- Endless in fibre drums
- Endless in metal drums
- Coils
- Spools

The measurements provided are based on our own measurements; they do not represent any guarantee of the properties.

There are no delivery specifications.

Certified Management system according to:

DIN EN ISO 9001
DIN EN ISO 14001



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