

Zinacor® Z102 - Thermal Spray Material
2.1 - Zn 99,99% according to DIM EN ISO 14919
Diameter: 1,6 mm

Material:

Zinacor 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 DIM EN ISO 14919.

Chemical composition:

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

| | typical levels Zinacor-wire | 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 | ≤0,005 % | ≤0,005 % |
| Cu | ≤0,001 % | ≤0,002 % |
| Other total | ≤0,007 % | ≤0,012 % |

Mechanical / Physical Properties:

| | | |
|-------------------------------|--------------------------|-------------------|
| Tensile strength Rm | 120 - 160* ¹⁾ | Mpa |
| Yield point Rp _{0,2} | 70 - 120* ¹⁾ | Mpa |
| Elongation A _{100mm} | min. 25* ¹⁾ | % |
| Density | ~ 7,14 | g/cm ³ |
| Melting point | ~ 419 | °C |

*typical measured value

Tolerance:

1,6 mm +0/-0,05 mm

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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