

**Zinacor® Z100 / Z102 - Thermal Spray Material  
2.1 - Zn 99,99 % according to DIN EN ISO 14919****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 DIN 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	≤0,002 %	≤0,002 %
Cu	≤0,001 %	≤0,002 %
Other total	≤0,007 %	≤0,010 %

**Mechanical / Physical Properties:**

Tensile strength Rm	100 - 120* <sup>1)</sup>	Mpa
Yield point Rp <sub>0,2</sub>	40 - 70* <sup>1)</sup>	Mpa
Elongation A <sub>100mm</sub>	min. 40* <sup>1)</sup>	%
Density	~ 7,14	g/cm <sup>3</sup>
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.

**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**



**ZINACOR S.A.**

Centre d'Affaires Dony  
rue de Chênée, 53  
B-4031 ANGLEUR (BELGIQUE)  
phone: +32 (0)4 366 64 74/75  
Fax: +32 (0)4 366 64 77  
e-mail: info@zinacor.com