

Tin-Zinc-Copper Wire - Thermal Spray Material
Manufactured from tin as per EN610, zinc as per EN1179 and electrolytic copper
SnZn7Cu3

Material:

Zinacor Tin-Zinc-Copper wires **SnZn7Cu3** are manufactured from Tin 99,9 % as per EN 610, high-purity electrolytic Zinc 99,995 % as per EN 1179 and electrolytic copper. They are suitable for flame and arc spraying.

Chemical composition:

Zn	6,5 - 7,5	%	%
Cu	2,5 - 3,5	%	%
Sn	89 - 91	%	

Other elements:

Pb	≤0,05	%	
Cd	≤0,001	%	
Cu	≤0,05	%	
Fe	≤0,07	%	
Bi	≤0,01	%	

Mechanical / Physical Properties:

Tensile strength Rm	70 - 60 ^{*)}	Mpa
Elongation A _{100mm}	min. 20 ^{*)}	%
Density	~ 7,22	g/cm ³
Melting range	~ 199 - 210	°C

^{*)}typical measured value/depends on the diameter

Diameter / Tolerance:

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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