



ZINC WIRE – DIN EN ISO 14919

Description

Cinkarna Zinc Wire is produced from Special High Grade Zinc with purity 99,995% according to technology of Continuus-Properzi S.p.A. The quality of zinc wire complies with following standards: DIN EN ISO 14919 "Thermal spraying. Wires, rods and cords for flame and arc spraying. Classification. Technical supply conditions." and EN 1179 „Specification for zinc and zinc alloys, plimary zinc.”

Application

Zinc wire is used for anti-corrosion protection of steel structures as well as in electronic industry. Zinc coating is making by metal spraying.

Technical Data

Chemical composition:	
Zn	99.995 %
Pb	max. 0,005 %
Cd	max. 0,003 %
Cd + Pb	max. 0,006 %
Sn	max. 0,001 %
Fe	max. 0,003 %
Cu	max. 0,002 %
Others	max. 0,010 %
Properties:	
Density	7,2 kg / dm ³
Tensile strength (R _m)	100 - 140 N/mm ²
Extension	40 – 70 %
Hardness HV	28 - 50
Diameter [mm]	1,60 / 2,00 / 2,50 / 3,00 / 3,18 / 4,00 / 4,76
Tolerances:	
- for diameter below 3,00 mm	+ 0,00 mm / - 0,060 mm
- for diameter above 3.0 mm	+ 0,00 mm / - 0,075 mm

Packing

- coils 20 kg
- spools 25 kg
- barrels 250 kg