

ZnPb0.95% Zinc-Lead alloy

Technical Datasheet

Uses

Pre-alloyed Zinc-Lead alloy suitable for hot dip galvanizing of iron and steel products.

Chemical specification

Chemical specification	Guaranteed analysis	Tolerance
Pb	0.95%	± 0.15%
Cd	≤ 0.003%	
Fe	≤ 0.005%	
Sn	≤ 0.001%	
Cu	≤ 0.002%	
Al	≤ 0.003%	
Zn	balance	

Physical data

Physical property	Unit	Value
Density solid	kg/dm ³	7.14
liquid (@ 419°C)	kg/dm ³	6.62
Melting point	°C	419
Superficial tension (@ 450°C) : Zn	N/m	0.78
: Zinc + 1% Pb	N/m	0.50
Melting enthalpy	kJ/kg	100
Thermal capacity solid	J/kg K	460
liquid	J/kg K	628

Available shapes/package

Shape/package	Nominal weight (in kg)	Dimensions (in mm)
Block Jumbo 1450 kg Colour marking: violet	1400 ± 100	1532 x 567 x 307

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Block (Jumbo) 1450 kg

Nominal mass 1400 ± 100 kg
Dimensions 1532 x 567 x 307

