

ZnNi0.15% (Technigalva[®] Light)

Technical Datasheet

Uses

Pre-alloyed (lead free) Zinc-Nickel alloy suitable for hot dip galvanising of iron and steel products.

Chemical specification

Chemical specification	Guaranteed analysis	Tolerance of analysis
Ni	0.15%	±0.03%
Pb	≤ 0.010%	
Cd	≤ 0.003%	
Fe	≤ 0.005%	
Sn	≤ 0.005%	
Cu	≤ 0.001%	
Al	≤ 0.005%	
Zn.	balance	

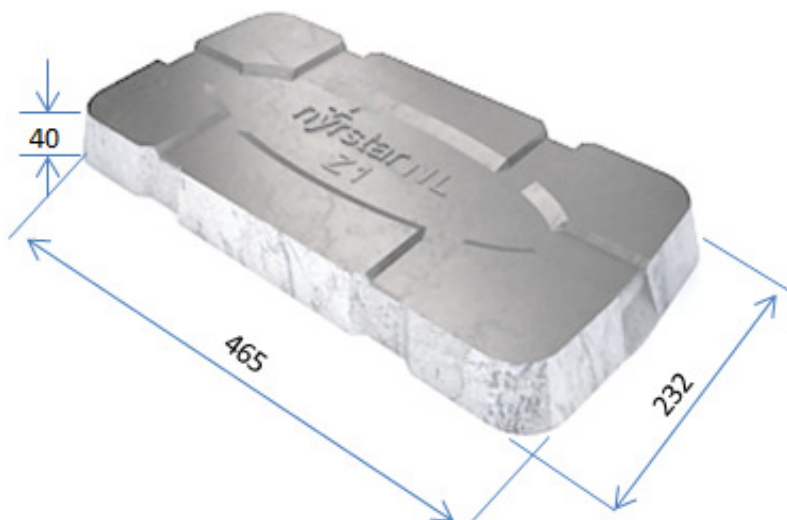
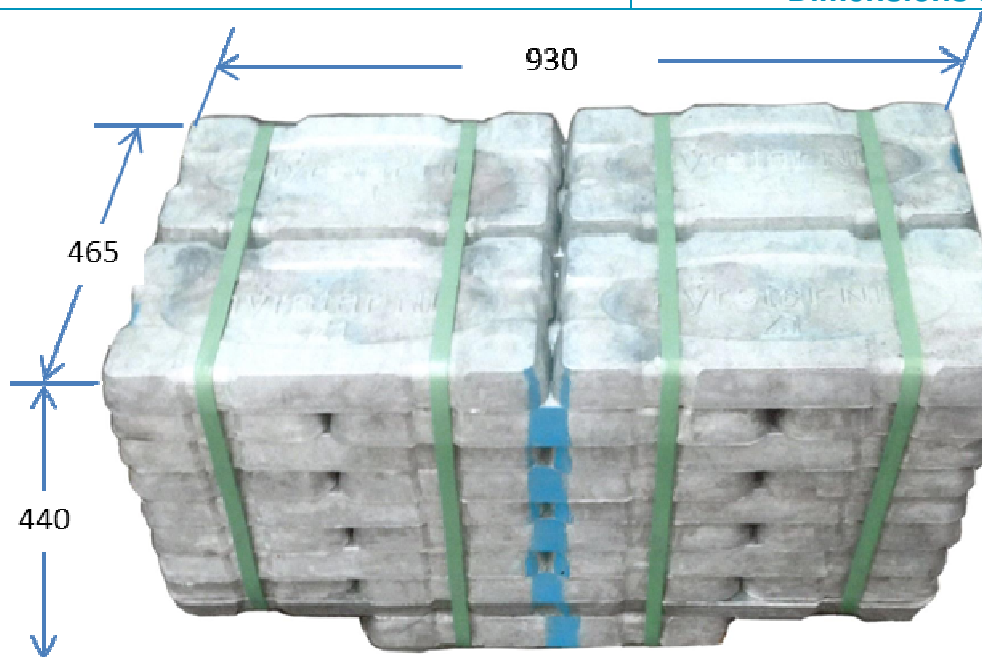
Physical data

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)	N/m	0.78
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)
Slab	25	465 x 232 x 40
Slab Bundle (40 slabs per bundle)	1000 ± 100	930 x 460 x 440
Colour marking: Green		
Block Jumbo 1450 kg	1400 ± 100	1532 x 567 x 307
Colour marking: Red strip		
Block Jumbo 1900kg	1900 ± 100	2135 x 490 x 370
Colour marking: Red strip		

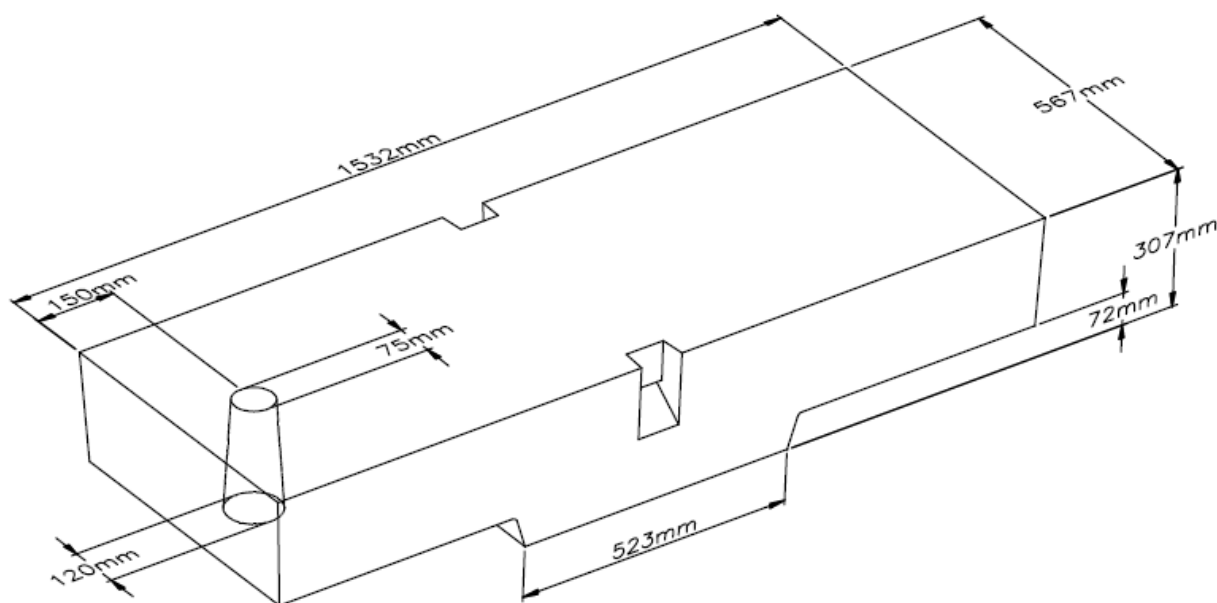
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Nyrstar NL Z1 Slab (Ingot)**Nominal mass 25 kg**
Dimensions 465 x 232 x 40**Nyrstar NL Z1 Slab bundle (40 slabs per bundle)****Nominal mass 1000 ± 100 kg**
Dimensions 930 x 465 x 440

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BUDEL ZINK Block (Jumbo) 1450 kg

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



Block (Jumbo) 1900 kg, 2 holes

Nominal mass 1900 ± 100 kg
Dimensions 2135 x 490 x 370

