

Refined lead (BHAS Broken Hill)

Technical Datasheet

Uses

Lead ingots of high purity which can be used in the following applications : batteries, pipes, vessels, paints ceramics, cable shielding, anodes for electrolysis, radiation protection, ammunitions, sheets for roofing, crystal glassware and antiknock additives.

Nyrstar BHAS Broken Hill (99.99% and 99.97%) are LME-approved brands for BS EN12659:1999 and GB/T 469:2005,, conforming to the specifications covering quality, shape and weight as defined by the special contract rules of the LME Standards.

Chemical specification

Chemical specification Guaranteed analysis	99.99%	99.97%
Ag	≤ 0.0015%	≤ 0.0050%
As	≤ 0.0005%	≤ 0.0010%
Bi	≤ 0.0100%	≤ 0.0300%
Cd	≤ 0.0002%	≤ 0.0010%
Cu	≤ 0.0005%	≤ 0.0030%
Fe	≤ 0.0010%	≤ 0.0020%
Ni	≤ 0.0002%	≤ 0.0010%
Sb	≤ 0.0005%	≤ 0.0010%
Sn	≤ 0.0005%	≤ 0.0010%
Zn	≤ 0.0002%	≤ 0.0005%
Total impurities	≤ 0.010%	≤ 0.030%

Standards

Standard	99.99%	99.97%
European BS EN12659:1999 China GB/T 469 :2005	PB990R Pb99.990	PB970R Pb99.970

Physical data

Physical property	Unit	Value
Density solid (@ 20°C)	kg/dm ³	11.337
liquid (@ 327.3°C)	kg/dm ³	10.686
Melting point	°C	327.3

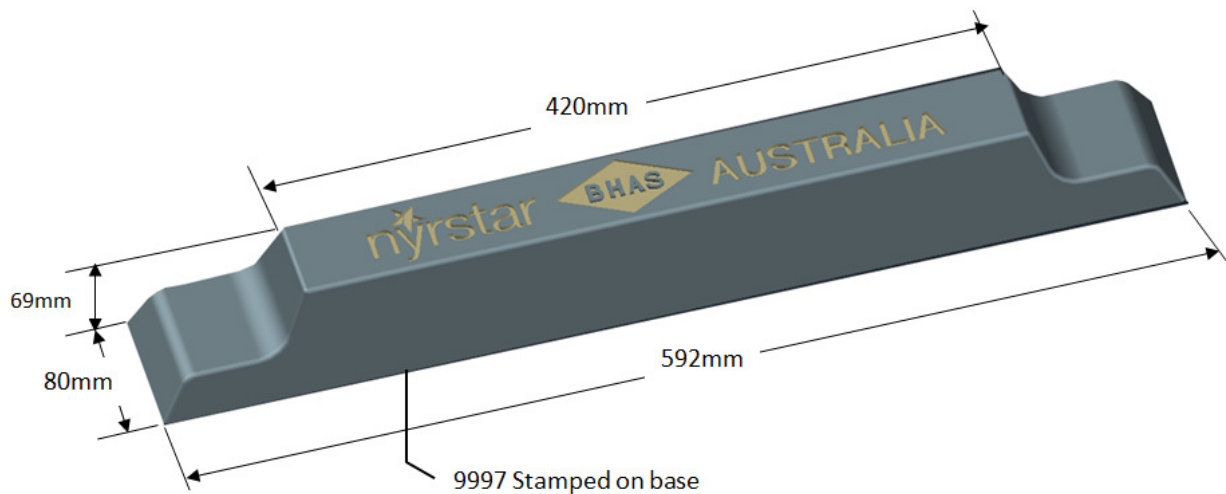
Available shapes/package

Shape/package	Nominal weight (in kg)	Dimensions (in mm)
Ingot	25	592 x 80 x 69
Ingot bundle (42 ingots per bundle)	1050	592 x 592 x 476
Block	950 ± 75	597 x 597 x 299

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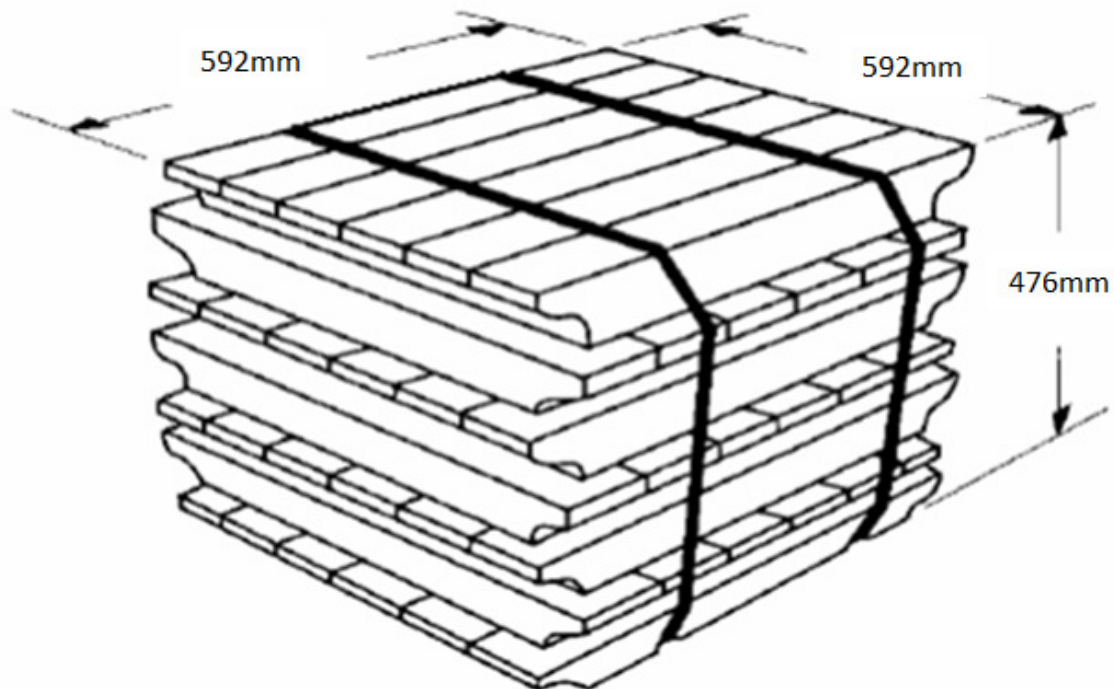
Ingot

Nominal mass 25 kg
Dimensions 592 x 80 x 69



Ingot bundle (42 ingots per bundle)

Nominal mass 1050 kg
Dimensions 592 x 592 x 476



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Block

Nominal mass 950 ± 75 kg
Dimensions 597 x 597 x 299

