

KS(Spin Casting Zinc Alloy)

Technical Datasheet


Uses

This alloy is ideal for the production of strong decorative components by spin casting.

Characteristics

Chemical composition Guaranteed analysis (in %)	KS ZnAl4Cu3Mg0.5
Al	3.9 - 4.3
Cu	2.7 - 3.3
Mg	0.4 - 0.6
Pb	≤ 0.003
Fe	≤ 0.020
Cd	≤ 0.003
Sn	≤ 0.001
Ni	--
Physical data	KS
Density (kg/dm ³ at 20°C)	6.8
Solidification range (°C)	379-390
Shrinkage in ‰	4 – 5
Lin. thermal expansion (coef./°C)	27.8 x 10 ⁻⁶
Electrical conductivity (%IACS)	25
Standard	KS
ASTM B952-14	Alloy SC-B / Z35551

Package

Trademark	OVERCOR  ZAMAK
Ingot weight Ingots per bundle Packing/Weight Feet/pallet	8.3 kg 72 + 4 strapped bundles of about 650 kg zinc alloy feet

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Slab (72 slabs per bundle) Zamak OVERCOR	Nominal mass 8.3 kg Dimensions 515 x 120 x 40

Foot (4 per bundle) Zamak OVERCOR	Nominal mass 13.6 kg Dimensions 510 x 110 x 120

Slab bundle (72 slabs + 4 feet per bundle) Zamak Overcor	Nominal mass 650 kg Dimensions 515 x 515 x 620

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Label, ingot marking and analysis sample

Label: Brand Name, Lot No., Net weight, production date/time. QR code



Alloy stamp



Ingot and bundle reference : Overcor®

Analysis sample

Label (with Lot No.)

