

Technical Bulletin

TSC PURECAST KA CASTING ALLOY

DESCRIPTION

TSC PureCast KA Casting Alloy is a tin rich alloy widely used in the jewelry trade for fine delicate castings where good flow properties and detail are required. Alloy has a good shiny surface finish and is very malleable. This alloy is particularly suitable for hand cast model figures.

FEATURES & BENEFITS

- Alloy Number 55
- Density - 8.99 gram/Cm³
- Melting Point - 185°C
- Working Temperature - 245°C

TYPICAL COMPOSITION

Typical Alloy Composition			
Sn: 52-57%	Sb: 3-5%	Pb: 40-42%	Others: Trace

MELTING TEMPERATURE RANGE

Typical Melting Temperature
185°C

PACKAGING

Tinman Stick (Approx 250g per stick). Sold per KG.

CLEANING

TSC PureCast KA Casting Alloy is compatible with most electronic and industrial grade fluxes.. For specific flux cleaning information refer to data sheets provided by flux manufacturer.

HANDLING & STORAGE

Indefinite shelf life applies to solid solder. For other product categories, refer to those specific TDSs. Consult MSDS for additional handling procedures and precautions.

HEALTH & SAFETY

Use with adequate ventilation and proper personal protective equipment. Refer to the accompanying Safety Data Sheet for any specific emergency information. Do not dispose of any hazardous materials in non-approved containers.

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