

Technical Bulletin

TSC PURECAST PEWTER 92 CASTING ALLOY

DESCRIPTION

TSC PureCast Pewter 92 Casting Alloy is a very high-grade casting pewter alloy, which is Tin rich and manufactured to the requirements of BS EN 611-1:1995. It is suitable for all highly detailed castings where good flow properties and polished finish are required. Pewter 92 is both Lead and Nickle Free in accordance with the EU Nickle directive 94/27/EC. Material satisfies US Prop 65 requirements

FEATURES & BENEFITS

- Density - 7.27 gram/Cm³
- Melting Point - 245°C
- Working Temperature - 285°C
- Specification – BS EN 611-1 1995

TYPICAL COMPOSITION

Typical Alloy Composition			
Sn: 90-93%	Sb: 7-8%	Cu: 0.2-0.8%	Others: Trace

MELTING TEMPERATURE RANGE

Typical Melting Temperature
245°C

PACKAGING

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

CLEANING

TSC PureCast Pewter 92 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.

The information contained herein is based on data considered accurate and is offered at no charge. No warranty is expressed or implied regarding the accuracy of this data. Liability is expressly disclaimed for any loss or injury arising out of the use of this information or the use of the materials designated.

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