

Technical Bulletin

TSC PURECAST PB58/BI42 CASTING ALLOY

DESCRIPTION

TSC PureCast Pb58/Bi42 Casting Alloy is composed of Bismuth and Tin. This alloy has a melting temperature of 138°C (281°F). AIM 138 may be used for a variety of industrial applications, including the production of food ware, electronic fuses, and machine blocking.

FEATURES & BENEFITS

- Fusible Alloy
- Low Melting Temperature 138°C

TYPICAL COMPOSITION

Typical Alloy Composition	
Sn: 42	Bi: 58

MELTING TEMPERATURE RANGE

Typical Melting Temperature
138°C

PACKAGING

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

CLEANING

TSC PureCast Pb58/Bi42 Casting Alloy is compatible with most grades of flux. 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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