



TECHNICAL DATA SHEET

CATEGORY: Industrial Casting alloys
NAME: 58/42 Casting Alloy
SPECIFICATION – Legacy / Proprietary

Alloy
Solid Bar/Ingot

FEATURES

- | | | | |
|-----------------------|------------------------------|----------------------|--------------|
| • Melting Point | - 168°C | • Tensile Strength | - Not Tested |
| • Working Temperature | - 225°C | • Brinell Hardness | - Not Tested |
| • Density | - 10.70 gram/Cm ³ | • Uniform Elongation | - Not Tested |

DESCRIPTION

This alloy gives good detail on castings of varying sizes. It has excellent flow properties, is quite malleable and can be plated. Surface finish will be free from porosity but with a matt grey colour.

MAJOR ALLOY INGREDIENTS IN PERCENT

| Pb | Bi | Others |
|--------|--------|--------|
| 58-60% | 40-42% | Trace |

HANDLING

- There are no special handling or storage requirements for this product. This product should be limited to professional users only.

FLUX COMPATIBILITY

- AIM Casting Alloys are compatible with most electronic and industrial grade fluxes.

CLEANING

- Refer to data sheets provided by the flux manufacturer.

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.