



Technical Bulletin



Solder plus Support

FE5 BgdW5 Sef KA 5 Sef[Y 3 ak

DESCRIPTION

FE5 BgdW5 Sef KA 5 Sef[Y 3 ak 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 AND 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

FE5 BgdW5 Sef KA 5 Sef[Y 3 ak is available in 100g and 500g quantities.

CLEANING

FE5 BgdW5 Sef KA 5 Sef[Y 3 ak is compatible with most electronic and industrial grade fluxes. It is recommended to clean the alloy with a suitable solvent after casting.

STORAGE & SHELF LIFE

FE5 BgdW5 Sef KA 5 Sef[Y 3 ak should be stored in a dry, well-ventilated area. It has a long shelf life and does not require special handling.

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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