Solder plus Support

DURA-PURE SN95/SB5 LEAD-FREE SOLDER ALLOY

FEATURES

- High Purity
- Melting Temperature 232°C-240°C (450°F-464°F)

DESCRIPTION

Dura-Pure Sn95/Sb5 is used for high temperature and high reliability interconnect applications. Dura-Pure Sn95/Sb5 has a melting range of 232°C-240°C (450°F-464°F). Dura-Pure Sn95/Sb5 complies with the Canadian Plumbing and Boiler Codes, the Canadian Lead-Free Solder Standard, and the United States Environmental Protection Agency's January 2014 Lead-Free Safe Drinking Water Act.

AVAILABILITY

P/N	Description	Weight	Diameter	QTY
5116	Dura-Pure 95/5 Solid Wire Solder	113 g (1/4 lb)	3 mm (0.125 in)	48
5115	Dura-Pure 95/5 Solid Wire Solder	227 g (1/2 lb)	3 mm (0.125 in)	48
5114	Dura-Pure 95/5 Solid Wire Solder	454 g (1 lb)	3 mm (0.125 in)	24
5113	Dura-Pure 95/5 Solid Wire Solder	2.27 kg (5 lb)	3 mm (0.125 in)	8
5112	Dura-Pure 95/5 Solid Wire Solder	9.08 kg (20 lb)	3 mm (0.125 in)	2

TYPICAL ALLOY COMPOSITION

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Sn: Balance	Sb: 5.0

TYPICAL TENSILE STRENGTH

Ultimate Tensile Strength (MPa)	Ultimate Tensile Strength (psi)
69.5	10080

HANDLING & STORAGE

Parameter	Time	Temperature
Shelf Life	Indefinite	Room Temperature

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

SPECIFICATION COMPLIANCE

- ASTM B32
- NSF/ANSI 61
- NSF/ANSI 372
- UPC
- IAPMO R&T

FLUX COMPATIBILITY

Nitro Flux is the preferred product for use with Dura-Pure Sn95/Sb5 although Dura-Pure Sn95/Sb5 is compatible with most major grades of fluxes.

SAFETY

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

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