



PRODUCT DATA SHEET

Low Dross Bar Solder

January, 2008

DESCRIPTION

- ◆ **Six Sigma®** solder is composed to solve today's solder purity and alloy related problems. This alloy separates itself from the conventional alloys through its extremely high solvent power, resulting from an advanced electrolytic refining technology and increased tin content.
- ◆ **Six Sigma®** solder is a necessary improvement in consistency of the solder pot and solder-wave performance. It eliminates the thick dross layer produced in the solder pot by chemically purified eutectic solders.
- ◆ **Six Sigma®** solder allows a bright and shiny solder wave surface on an on-going basis. This is a valuable addition to the No-Clean / No-Residue Technology.

Our technical staff is at your service for analyzing, monitoring and advising on the condition of your soldering process.

SIX SIGMA® PURITY SPECIFICATION

Sn ≥ 65	Fe < .0005	Cu < .0005	In < .0007
As < .0001	Ni < .0005	Ag < .0003	S -
Sb < .0001	Bi < .0008	Zn < .0005	P -
Au < .0003	Al < .0003	Cd < .0005	Pb balance

SAFETY This alloy contains lead. See the Material Safety Data Sheet on **Six Sigma®** Solder for the appropriate safety procedure.

PACKAGING ±1kg or ± 2.2 lb. bars packed 25 Lb. / 12.5 Kg. per carton.

STORAGE No special requirements. Except for proper housekeeping in order to maintain the level of purity.

“Our commitment to quality and customer service is our most valuable asset”

The information contained herein is offered free of charge for use by technically qualified personnel at their discretion and risk. All information and recommendations contained herein are based on test and data which we believe to be reliable, but the accuracy or completeness is not guaranteed and no warranty of any kind is made with respect hereto.

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