

BAR SN63

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PRODUCT DESCRIPTION

BAR SN63 provides the following product characteristics:

Technology	Solder bar
Application	Sn/Pb soldering

BAR SN63 alloy is a tin/lead alloy used in traditional electronic assembly soldering applications.

FEATURES AND BENEFITS

- Eutectic SnPb alloy
- Improved yields, especially on densely populated boards
- Special alloy composition improves flow and reduces oxide formation for more consistent results
- Bright solder joints
- Low impurity levels increase life of alloy in the solder bath and reduce bath maintenance
- Passes IPC/EIA J-STD-006B requirements

TYPICAL PROPERTIES

ELEMENT	Weight %
Tin (Sn)	62.5 to 63.5
Lead (Pb)	Remainder
Aluminum (Al)	≤0.005
Antimony (Sb)	≤0.5
Arsenic (As)	≤0.03
Bismuth (Bi)	≤0.1
Cadmium (Cd)	≤0.002
Copper (Cu)	≤0.08
Gold (Au)	≤0.05
Iron (Fe)	≤0.02
Indium (In)	≤0.03
Nickel (Ni)	≤0.01
Silver (Ag)	≤0.05
Zinc (Zn)	≤0.003

Solder Bar Typical Properties

Alloy melting range, °C	183
Density, g/cm ³	7.4
Tensile Strength, N/mm ²	67

PACKAGING

BAR SN63 is sold in economical 1000 and 2000 lbs pallets.

GENERAL INFORMATION

For safe handling information on this product, consult the Material Safety Data Sheet (MSDS).

Not for Product Specifications

The technical information contained herein is intended for reference only. Please contact Henkel Technologies Technical Service for assistance and recommendations on specifications for this product.

Conversions

(°C x 1.8) + 32 = °F
kV/mm x 25.4 = V/mil
mm / 25.4 = inches
µm / 25.4 = mil
N x 0.225 = lb
N/mm x 5.71 = lb/in
N/mm² x 145 = psi
MPa x 145 = psi
N·m x 8.851 = lb·in
N·m x 0.738 = lb·ft
N·mm x 0.142 = oz·in
mPa·s = cP

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Note:

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