



ELECTRONIC SOLDERS

TECHNICAL DATA SHEET 60% TIN/40% LEAD ALLOY

DESCRIPTION

60/40 is a general-purpose solder used in applications involving soldering of copper and copper alloys, lead, nickel alloys and steel. Our alloying process results in an alloy that is low drossing and high wetting. This results in robust and reliable joints that are highly resistant to whisker formation. It can be formulated to J-STD-006, ASTM B32 or customer specifications. 60/40 melts at slightly higher temperatures and over a wider temperature range than 63/37 solder.

APPLICATIONS

It is frequently used for electronic or electrical applications. It's narrow melting range makes it suitable for dip soldering baths. Lead bearing solders are not to be used in potable water connections.

TECHNICAL DATA

Color	Gray/Silver
Melting Range	361° - 375° F (solid to liquid)
Specific Gravity	8.51%
Density	.3068

COMPOSITION

Tin	59.5 – 61.5
Lead	Balance

AVAILABILITY

60/40 is available in bar, solid and cored wire, foil, spheres, preforms, powder, solder paste, ingot, and anode form.

Core wire fluxes include no clean, water soluble and rosin fluxes in diameters from .006 to .125 and flux percentages from 1% to 3.6%.



TECHNICAL OPERATIONS - WAREHOUSE - SHIPPING
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