

Indium Corp. Sn992 Pb-Free Soldering Alloy

Category : Metal , Nonferrous Metal , Solder/Braze Alloy

Material Notes:

Sn992 Pb-Free solder is a low cost alternative to traditional SAC305. In addition to the lower cost, this cobalt- and bismuth-doped Sn/Cu alloy produces smoother, shinier joints and lower dross (in wave soldering) than SAC305 and other Sn/Cu based alloys. Features: Produces shiny, smooth solder joints under most soldering conditions. Low cost - does not contain Ag. Lower dross formation than other SAC and Sn/Cu-based alloys. Less copper erosion than SAC305. Compatible with other Sn/Cu-based alloys - no need to dump the pot. Optimized for use in solder paste form through the addition of Bi. Physical Properties: Time Above Liquidus: 30 to 90 seconds. Information provided by the manufacturer, Indium Corporation of America.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Indium-Corp-Sn992-Pb-Free-Soldering-Alloy.php

Physical Properties	Metric	English	Comments
Density	7.30 g/cc	0.264 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength	28.0 MPa	4060 psi	

Thermal Properties	Metric	English	Comments
Melting Point	227 Â°C	441 Â°F	

Descriptive Properties	Value	Comments
Peak Temperature	237Â° - 255Â°C	

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