

## Indium Corp. Sn995 Cobalt-Doped, Pb-Free Soldering Alloy

Category : Metal , Nonferrous Metal , Solder/Braze Alloy

**Material Notes:**

Sn995 Cobalt-Doped Pb-Free Soldering Alloy is a cobalt-doped Sn/Cu alloy that provides 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 than SAC305 and other Sn/Cu based alloys. Features: Shiny, smooth solder joints similar to Sn/Pb solder. 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. Available in a solder bar for wave soldering and cored wire for rework applications. Information provided by the manufacturer, Indium Corporation of America.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Indium-Corp-Sn995-Cobalt-Doped-Pb-Free-Soldering-Alloy.php](http://www.lookpolymers.com/polymer_Indium-Corp-Sn995-Cobalt-Doped-Pb-Free-Soldering-Alloy.php)

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

Mechanical Properties	Metric	English	Comments
Tensile Strength	28.0 MPa	4060 psi	

Thermal Properties	Metric	English	Comments
Melting Point	228 Â°C	442 Â°F	

Descriptive Properties	Value	Comments
Dross Rate	23.49 g dross/hour	
Pot Temperature	260Â° - 275Â°C	
Topside Preheat	110Â° - 115Â°C	

## Contact Songhan Plastic Technology Co.,Ltd.

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