

Indium Corp. Indalloy® 256 96.5Sn/3.0Ag/0.5Cu Lead-Free Solder Alloy

Category : Metal , Nonferrous Metal , Solder/Braze Alloy , Tin Alloy

Material Notes:

Referred to as the SAC305 alloy. Information provided by the manufacturer, Indium Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Indium-Corp-Indalloy-256-965Sn30Ag05Cu-Lead-Free-Solder-Alloy.php

Physical Properties	Metric	English	Comments
Density	7.40 g/cc	0.267 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	49.6 MPa	7200 psi	
Elongation at Break	19.3 %	19.3 %	
Modulus of Elasticity	16.6 GPa	2410 ksi	

Thermal Properties	Metric	English	Comments
Melting Point	217 - 220 °C	423 - 428 °F	
Solidus	217 °C	423 °F	
Liquidus	220 °C	428 °F	

Component Elements Properties	Metric	English	Comments
Copper, Cu	0.50 %	0.50 %	
Silver, Ag	3.0 %	3.0 %	
Tin, Sn	96.5 %	96.5 %	

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