

Indium Corp. Indalloy® 8 In-Sn-Cd Fusible Alloy

Category : Metal , Nonferrous Metal , Indium Alloy , Tin Alloy

Material Notes:

General purpose fusible alloy. Information provided by the manufacturer, Indium Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Indium-Corp-Indalloy-8-In-Sn-Cd-Fusible-Alloy.php

Physical Properties	Metric	English	Comments
Density	7.46 g/cc	0.270 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	4.8	4.8	
	@Load 100 kg, Time 30.0 sec	@Load 220 lb, Time 0.00833 hour	
Tensile Strength, Ultimate	18.1 MPa	2630 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	24.0 Âµm/m-Â°C	13.3 Âµin/in-Â°F	
	@Temperature 20.0 Â°C	@Temperature 68.0 Â°F	
Thermal Conductivity	36.0 W/m-K	250 BTU-in/hr-ftÂ²-Â°F	
	@Temperature 85.0 Â°C	@Temperature 185 Â°F	
Melting Point	93.0 Â°C	199 Â°F	Eutectic
Solidus	93.0 Â°C	199 Â°F	
Liquidus	93.0 Â°C	199 Â°F	

Component Elements Properties	Metric	English	Comments
Cadmium, Cd	14 %	14 %	
Indium, In	44 %	44 %	
Tin, Sn	42 %	42 %	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China