

Indium Corp. 6N High Purity Indium Metal

Category : Metal , Nonferrous Metal , Indium Alloy , Pure Element

Material Notes:

High purity Indium is used as the starting material in the manufacture of indium based group III-V such asIn/PIn/AsIn/SbIn/Ga/AsIn/Ga/As/P These compound semiconductors find use in ultra high efficiency photovoltaic solar cells, infrared detectors, infrared LEDs and electronic switching applications where silicon based devices are not suitable.High purity indium is also used as the source material for semiconductor epitaxial layering using liquid phase, vapor phase or molecular beam epitaxy.Total impurities for 6N grade < 1 ppmInformation provided by the manufacturer, Indium Corporation of America.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Indium-Corp-6N-High-Purity-Indium-Metal.php

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

Component Elements Properties	Metric	English	Comments
Bismuth, Bi	0.000010 %	0.000010 %	
Copper, Cu	0.000010 %	0.000010 %	
Indium, In	99.9999 %	99.9999 %	
Iron, Fe	0.000015 %	0.000015 %	
Lead, Pb	0.000030 %	0.000030 %	
Nickel, Ni	0.000019 %	0.000019 %	
Thallium, Tl	0.000010 %	0.000010 %	
Tin, Sn	0.000018 %	0.000018 %	
Trace Metals	<= 0.000032 %	<= 0.000032 %	Total combined metals

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