

Indium Corp. Ga2O3 Gallium Sesquioxide

Category : Ceramic , Oxide

Material Notes:

Synonyms: Gallium Oxide, Gallium (III) Oxide CAS Number: 12024-21-4 E.C. Number: 234-691-7 RTECS: LW9650000 Purity: 99.99 to 99.999%
Gallium Sesquioxide Appearance/Form: White powder Crystal structure: Predominantly B Phase, Confirmed by XRD Analysis Solubility:
Soluble in Alkalis. Slightly Soluble in Hot Acids. Insoluble in Water. Information provided by the manufacturer, Indium Corporation of America.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Indium-Corp-Ga2O3-Gallium-Sesquioxide.php

Physical Properties	Metric	English	Comments
Bulk Density	0.700 g/cc	0.0253 lb/in ³	Apparent Density
Density	6.44 g/cc	0.233 lb/in ³	Solid
Loss On Ignition	<= 0.10 % @Temperature 800 Â°C	<= 0.10 % @Temperature 1470 Â°F	
Particle Mesh Size	-325 Mesh	-325 Mesh	
	-100 Mesh	-100 Mesh	
Molecular Weight	187.44 g/mol	187.44 g/mol	
Maximum Moisture Content	<= 0.10 @Temperature 104 Â°C	<= 0.10 @Temperature 219 Â°F	LOD

Thermal Properties	Metric	English	Comments
Melting Point	1900 Â°C	3450 Â°F	

Component Elements Properties	Metric	English	Comments
Chromium, Cr	<= 0.00010 %	<= 0.00010 %	typical
	<= 0.00030 %	<= 0.00030 %	
Copper, Cu	<= 0.00010 %	<= 0.00010 %	Typical
	<= 0.00030 %	<= 0.00030 %	
Gallium, Ga	0.74393 %	0.74393 %	Theoretical
Indium, In	<= 0.00010 %	<= 0.00010 %	Typical
	<= 0.00030 %	<= 0.00030 %	

Component Elements Properties	Metric	English	Comments
	<= 0.00030 %	<= 0.00030 %	
Lead, Pb	<= 0.00010 %	<= 0.00010 %	Typical
	<= 0.00030 %	<= 0.00030 %	
Nickel, Ni	<= 0.00010 %	<= 0.00010 %	Typical
	<= 0.00030 %	<= 0.00030 %	
Sodium, Na	<= 0.00010 %	<= 0.00010 %	Typical
	<= 0.00030 %	<= 0.00030 %	
Tin, Sn	<= 0.00010 %	<= 0.00010 %	Typical
	<= 0.00030 %	<= 0.00030 %	
Trace Metals	<= 0.00030 %	<= 0.00030 %	Total combined metals, typical
	<= 0.0010 %	<= 0.0010 %	Total combined metals
Zinc, Zn	<= 0.00010 %	<= 0.00010 %	Typical
	<= 0.00030 %	<= 0.00030 %	

Chemical Properties	Metric	English	Comments
Ionic Impurities - Cl (Chloride)	<= 1000 ppm	<= 1000 ppm	

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