

## Indium Corp. In(NO3)3 Indium Nitrate

Category: Ceramic

## **Material Notes:**

Indium Nitrate is an odorless, off-white crystalline powder that is freely soluble in water and soluble in lower alcohols. It is available as an anhydrous powder and hydrated forms with 3 and 4.5 moles of water. The hydrated forms loss their associated water at temperatures over  $100\hat{A}^{\circ}$ C. Continued heating at temperatures over  $250\hat{A}^{\circ}$ C results in decomposition to indium oxide.PropertiesChemical Formula: In(NO3)3General Description: Off-white hydroscopic powderPurity Grades Available: 4N (99.99%), 5N (99.999%)Solubility: Very soluble in water; soluble in alcohol.UsesChemical synthesis.Information provided by the manufacturer, Indium Corporation of America.

Order this product through the following link:

http://www.lookpolymers.com/polymer\_Indium-Corp-InNO33-Indium-Nitrate.php

Physical Properties	Metric	English	Comments
Molecular Weight	300.85 g/mol	300.85 g/mol	

Component Elements Properties	Metric	English	Comments
Indium, In	38.17 %	38.17 %	Theoretical
	36.4 - 43.6 %	36.4 - 43.6 %	

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