

Indium Corp. In(NO3)3 x 4.5H2O Hydrated 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°C. Continued heating at temperatures over 250°C results in decomposition to indium oxide. Properties Chemical Formula: In(NO3)3 x 4.5H2O General Description: Off-white hygroscopic powder Purity Grades Available: 4N (99.99%), 5N (99.999%) Solubility: Very soluble in water; soluble in alcohol. Uses Chemical synthesis. Note: In(NO3)3 x 4.5H2O is unstable in that water separation often occurs depending on storage conditions, reverting to the more stable In(NO3)3 x 3H2O form. Information provided by the manufacturer, Indium Corporation of America.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Indium-Corp-InNO33-x-45H2O-Hydrated-Indium-Nitrate.php

Physical Properties	Metric	English	Comments
Molecular Weight	381.94 g/mol	381.94 g/mol	

Component Elements Properties	Metric	English	Comments
Indium, In	26.4 - 33.7 %	26.4 - 33.7 %	
	30.06 %	30.06 %	Theoretical

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