

Solvay Specialty Polymers Torlon® AI-30 LM Polyamide-imide (PAI)

Category : Polymer , Thermoplastic , Polyamide-imide (PAI) , Polyamide-Imide, Extruded

Material Notes:

Torlon® AI-30 LM is a wet polymer granule developed for the performance coatings industry. This polyamide-imide precursor consists of roughly 35% polymer solids, 63% water and 2% NMP. The high acid number of the polymer backbone allows the formulation of aqueous solutions with the addition of an appropriate complexing amine. Aqueous-based solutions made with Torlon® AI-30 LM have inherently low VOCs, which helps end users meet stringent environmental regulations. Coatings based on the Torlon® AI-30 LM polymer yield durable, abrasion-resistant, thermally-stable films. The cured resin has superior resistance to organic solvents and a wide array of other commercial and industrial chemicals. Outstanding tribological characteristics are afforded both by the resin as well as its unparalleled intra-coat adhesion to fluoropolymers. Aqueous-based AI-30 LM polymer coatings offer a sustainable solution for electrical/electronic, high temperature decorative and corrosion preventative applications. In addition, magnet wire insulation and protective coatings for printed circuit boards may be converted from solvent-borne (NMP) polyamide-imide solutions. Industrial applications include primers and decorative topcoats for cookware, appliances and housewares. Aqueous AI-30 LM polymer solutions may be easily combined with aqueous fluoropolymer dispersions to produce sustainable, high-performance, low-friction, corrosion-resistant coatings that provide protection to industrial and automotive parts. Features: Flame Retardant; Good Abrasion Resistance; Good Adhesion; Good Chemical Resistance; High Heat Resistance; Water Soluble Uses: Binder; Coating Applications Additional Properties: Acid Number - 125.00 mg KOH/g; Molecular Weight - 3500 g/mol; Molecular Weight - 11000 g/mol; Solids Content - 35 % Information provided by Solvay Specialty Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-Specialty-Polymers-Torlon-AI-30-LM-Polyamide-imide-PAI.php

Descriptive Properties	Value	Comments
Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	Latin America	
	North America	
Color	Yellow	
Form	Powder	
Processing Technique	Coating; Solution Processing	

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