

Nabaltec APYRAL® AOH 30 AlO(OH) Boehmite

Category : Ceramic , Oxide , Aluminum Oxide , Other Engineering Material , Additive/Filler for Polymer

Material Notes:

Mineral flame retardant for wire and cable industry, electronic industry and public transport. Properties: High temperature applications Low sedimentation at good viscosity performance in resins Good char promoter Information provided by Nabaltec.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Nabaltec-APYRAL-AOH-30-AlOOH-Boehmite.php

Physical Properties	Metric	English	Comments
Bulk Density	0.650 g/cc	0.0235 lb/in ³	
Density	3.00 g/cc	0.108 lb/in ³	
Brightness	93.6 % @Wavelength 457 nm	93.6 % @Wavelength 457 nm	Whiteness; Elrepho
Oil Absorption	28 %	28 %	(ml/100 g)
Moisture Absorption at Equilibrium	0.12 %	0.12 %	
Loss On Ignition	17 %	17 %	
Particle Size	1.8 µm	1.8 µm	Median; Laser Diffraction
Specific Surface Area	3.0 m ² /g	3.0 m ² /g	BET

Mechanical Properties	Metric	English	Comments
Hardness, Mohs	3	3	

Optical Properties	Metric	English	Comments
Refractive Index	1.62	1.62	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	40000 ohm-cm	40000 ohm-cm	

Descriptive Properties	Value	Comments
Aluminum Hydroxide (%)	99	
Sieve Analysis	0.01%	> 45 µm

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