

Nabaltec ACTILOX® B60 AS1 AlO(OH) Boehmite

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

Material Notes:

Surface treated flame retardant filler with reduced particle size and optimized viscosity in engineering plastics for synergistic effects with other flame retardants. Properties: Very fine product in parallel with low spec. surface area Very low viscosity High chemical purity Low electrolyte content Acid scavenger Excellent polymer compatibility Information provided by Nabaltec.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Nabaltec-ACTILOX-B60-AS1-AlOOH-Boehmite.php

Physical Properties	Metric	English	Comments
Bulk Density	0.400 g/cc	0.0145 lb/in ³	
Brightness	97 % @Wavelength 457 nm	97 % @Wavelength 457 nm	Whiteness; Elrepho
Oil Absorption	30 %	30 %	(ml/100 g)
Moisture Absorption at Equilibrium	0.50 %	0.50 %	
Loss On Ignition	18 %	18 %	
Particle Size	0.90 µm	0.90 µm	Median
Specific Surface Area	6.0 m ² /g	6.0 m ² /g	BET

Mechanical Properties	Metric	English	Comments
Hardness, Mohs	3	3	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	12500 ohm-cm	12500 ohm-cm	

Descriptive Properties	Value	Comments
Aluminum Hydroxide (%)	99	
Sieve Analysis	0.02%	> 45 µm

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