

**Nabaltec ACTILOX® B60 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 stability Synergistic effects with other flame retardants High acid resistance Acid scavenger Excellent polymer compatibility Information provided by Nabaltec.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Nabaltec-ACTILOX-B60-AlOOH-Boehmite.php](http://www.lookpolymers.com/polymer_Nabaltec-ACTILOX-B60-AlOOH-Boehmite.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.400 g/cc	0.0145 lb/in <sup>3</sup>	
Brightness	98 % @Wavelength 457 nm	98 % @Wavelength 457 nm	Whiteness; Elrepho
Oil Absorption	30 %	30 %	(ml/100 g)
Moisture Absorption at Equilibrium	0.20 %	0.20 %	
Loss On Ignition	17 %	17 %	
Particle Size	0.90 µm	0.90 µm	Median; Laser Diffraction
Specific Surface Area	6.0 m <sup>2</sup> /g	6.0 m <sup>2</sup> /g	BET

Mechanical Properties	Metric	English	Comments
Hardness, Mohs	3	3	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	15384 ohm-cm	15384 ohm-cm	

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

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