

CIMBAR CIMBAR™ XF Barite Powder (BaSO4)

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

Material Notes:

CIMBAR barite products are made using only the highest quality white, natural barium sulfate ore. CIMBAR barites unique properties of fine grind, high specific gravity, low solubility and chemical inertness make them ideal for many applications. Uses: Coatings: Automotive Primers, Automotive Topcoats, High Gloss Enamel, Powder Coatings, Semi-gloss Latexes, Gloss Latexes, Industrial Coatings, Architectural Coatings, Maintenance Coatings, Industrial Primers. Fillers: Plastics, Ceramics, Friction Materials, Rubber Goods, Plastisols, Adhesives, Latex Products, Urethane Foams, Acoustical Compounds, Insulating Materials, Sound Attenuation Products. Information provided by Cimbar Performance Minerals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_CIMBAR-CIMBAR-XF-Barite-Powder-BaSO4.php

Physical Properties	Metric	English	Comments
Specific Gravity	4.40 g/cc	4.40 g/cc	
Brightness	95 %	95 %	"L"
Oil Absorption	11 %	11 %	
Fineness	6.0	6.0	Hegman Fineness
Apparent Bulk Density	1.20 g/cc	0.0434 lb/in ³	Loose
	1.84 g/cc	0.0666 lb/in ³	Compacted
Moisture Absorption at Equilibrium	0.10 %	0.10 %	
Loss On Ignition	0.75 %	0.75 %	
Particle Size	3.0 µm	3.0 µm	Median
	<= 15 µm	<= 15 µm	Max
Particle Mesh Size	325 Mesh	325 Mesh	0.0% retained
pH	8.5	8.5	

Component Elements Properties	Metric	English	Comments
Al2O3	0.010 %	0.010 %	
Fe2O3	0.020 %	0.020 %	
Trace Metals	0.050 %	0.050 %	Heavy Metals

Descriptive Properties	Value	Comments
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BaSO4 (%) Descriptive Properties	98 Value	Comments
Total Silicates (%)	0.82	

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