

CIMBAR

Performance Minerals

CIMBAR™

CIMBAR barite products are made using only the highest quality white, natural barium sulfate ore. CIMBAR barytes unique properties of fine grind, high specific gravity, low solubility and chemical inertness make them ideal for many applications.

TYPICAL PHYSICAL PROPERTIES					
PRODUCT NAME:	Cimbar EX	Cimbar UF	Cimbar XF	Cimbar 325	Cimbar PC
Median Particle Size: Microns	1.0	2.0	3.0	8.5	9.4
Top Size: Micron	6-8	12	15	40	35
Wt. % retained on 325 mesh screen	0.0	0.0	0.0	0.2	0.0
pH	8.5	8.5	8.5	8.5	8.5
Hegman Fineness	7.0+	6.5	6.0	4.5	5.0
Specific Gravity	4.40	4.40	4.40	4.40	4.40
Apparent Dry Bulk Density					
Loose: lbs/ft ³	60	60	75	100	100
Compacted: lbs/ft ³	100	100	115	150	150
Oil Absorption	13	11	11	9	9
Color-L (CIE) *	95	95	95	93	93

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
 Plasticsols
 Adhesives
 Latex products
 Urethane Foams

Acoustical Compounds
 Insulating Materials
 Sound Attenuation Products

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PROPERTIES	
Chemical Analysis	Cimbar
Moisture	0.1%
BaSO ₄	98%
Fe ₂ O ₃	0.02%
Al ₂ O ₃	0.01%
Total Silicates	0.82%
Total Heavy Metals	0.05%
Ignition Loss	0.75%

Physical Properties	Cimbar
Density: lbs/ft ³	268
Wt./Solid Gallon	35.82
Bulking Value	0.0279 gal.

Particle Size Distribution

