



## 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 <sup>3</sup>	60	60	75	100	100
Compacted: lbs/ft <sup>3</sup>	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  
Plastisols  
Adhesives  
Latex products  
Urethane Foams

Acoustical Compounds  
Insulating Materials  
Sound Attenuation Products

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

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

**Particle Size Distribution**

