CIMBAR RESOURCES INC

TECHNICAL DATA

Barium Sulfate

Cimbar Series
Features & Benefits

Cimbar Series Barium Sulfate grades are made using only the highest quality white, natural barium sulfate ore. The Cimbar grades unique properties include consistent particle size distribution, low solubility and chemical inertness which make them the ideal mineral-based additive for many applications.

Physical Characteristics

Typical values. These do not represent a specification.

	Cimbar 10	Cimbar EX	Cimbar UF	Cimbar XF	Cimbar W4	Cimbar 325
Median Particle Size	1.0	1.3 – 1.4	2.0	3.1	4	7 – 9
Hunter "L" Brightness	96	96	95 - 96	93 - 95	93 - 95	93 - 95
pH	7.5 – 9.5	7.5 – 9.5	7.5 – 9.5	7.5 – 9.5	7.5 – 9.5	7.5 – 9.5
Oil Absorption	16	15	13	13	12	10
Loss on Ignition (H_2O)	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%
Retained 325 Mesh (%)	0	0	0	0	0	0.1
Bulk Density (lb./ft³) Compacted	97	100	100	115	125	150
Specific Gravity	4.4	4.4	4.4	4.4	4.4	4.4
Hegman	7+	7	6.5	6	5	4
Free Moisture Max.	0.2	0.15	0.15	0.15	0.10	0.10
Refractive Index	1.65	1.65	1.65	1.65	1.65	1.65

Chemical Analysis

Typical values. These do not represent a specification.

$BaSO_4$	SiO_2	$SrSO_4$	Fe_2O_3
98%	<1.0%	0.9%	0.02%

Locations:
Chatsworth, GA, Dyersburg, TN Houston, TX, Mt. Vernon, IN

The technical data presented here is for marketing purposes only and is not contractually binding, the data herein is determined using Cimbar Resources, Inc. standard test methods. Since the product is based upon a naturally occurring material, we reserve the right to change this data when necessary. Safety information accompanying this product is available in the form of an SDS.

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