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MINERAL FILLERS -ADDITIONAL FILLERS-

HUBERBRITE®

DESCRIPTION:

Huberbrite is a fine, natural barium sulfate powder, a.k.a. barytes, of excellent purity (98.5%+) and brightness. The product line consists of a select range of particle sizes and brightnesses. Huberbrites contains virtually no leachable barium compounds and have passed many leaching tests. Barium sulfate has FDA status listed in CFR 21, section 177.2600, Rubber Articles Intended for Repeated Use. The production of these fillers are under constant quality surveying by statistical process and quality controls to insure the highest quality possible.

TYPICAL PROPERTIES:

<i>Grade:</i>	<i>1</i>	<i>3</i>	<i>7</i>	<i>10</i>
Median Particle Size , μ	1.0	3.0	6.5	8.5
Dry Brightness, ASTM C-110	94	94	94	93
Hegman Grind ASTM D-1210	6.5	6.0	4.0	3.0
Moisture, ASTM D-280, %	0.2	0.1	0.1	0.1
Specific Gravity	4.4	4.4	4.4	4.4
Loose Bulk Density, lbs./ft ³	60	80	90	100
Comp.Bulk Density, lbs./ft ³	90	110	120	130

APPLICATION:

Huberbrite is an odorless, non-toxic, bright specialty filler or extender for use in natural and synthetic rubber articles. Its high density and chemical resistance leads to such applications as: rubber stoppers and seals, rubber mallets, coatings and density critical components. The medical industry prefers Huberbrite due to its chemical inertness and non-black fluorocarbon compounds show the best compression set values using barium sulfate. Typical loading are from 25 to 100 phr. Higher loadings (300phr+) are used in sound-dampening shielding. Also opaque to x-rays. Polyurethane foams consume large amounts of this natural filler. Huberbrite disperses into rubber compounds easily and has little effect on curing or aging.

®Huberbrite is a registered trade name of J.M. Huber, Engineered Materials Sector

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