



Georgia Industrial Minerals, Inc.

GIMflake 20 Mica

Markets

GIMflake 20 is a coarse muscovite flake mica product with superior color that is specifically designed for products that require large mica flakes.

Applications

The major applications for GIMflake 20 are:

Engineering plastics	Sound Deadening
Asphalt products	Stucco
Rubber dusting	Asbestos replacement
Decorative effect	Cultured Stone

Performance Characteristics

The performance characteristics that make GIMflake 20 an acceptable cost effective additive for these markets are:

- Excellent color
- Ease of dispersion
- Chemical inertness
- Increased coverage
- High temperature stability
- Superior barrier properties
- Superior dielectric properties
- Superior reinforcement properties

Plant Location: Deepstep Community
1132 Veal Road

Sandersville, Ga. 31082
Phone: (478)553-0048
Fax: (478)553-0050

<u>Physical Properties</u>	<u>Specifications</u>	<u>Typical</u>
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Sieve Analysis, % retained		
20 mesh		0-tr
40 mesh		34
100 mesh		89
200 mesh		95
Bulk Density (Colgate method)		17

Chemical Properties

Mineral	Muscovite mica
Chemical Composition	Potassium aluminum silicate
Specific gravity	2.82
CAS#	12001-26-2
ph	6.0 – 7.5

Regulatory Approvals

GIM mica meets the FDA requirements of Title 21 CFR § 175.105.5 Adhesives; §175.300 Resinous & Polymeric coatings; §177.1520(B) Olefin polymers; §177.2800 Rubber articles intended for repeated use; §178.3297 Colorants for polymers. Meets CTFA 73.2496 for use in cosmetics. These mica products are listed on the US TSCA list and Canadian DSL. See MSDS for safety and additional regulatory information.

Contacts

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Meets CTFA