



# Georgia Industrial Minerals, Inc.

## GIMsheen 20 Mica – Industrial Grade

### **General Description**

GIMsheen 20 is a water-ground muscovite mica processed for optimal aspect ratio for use in barrier coatings and polymers. This functional filler is resilient and adds strength and stiffness with low heat distortion and shrinkage.

### **Applications**

The major applications for GIMsheen 20 are:

Barrier Coatings  
Polymers

### **Performance Characteristics**

The performance characteristics that make GIMsheen 20 a desirable additive for these markets are:

Excellent color  
Product consistency  
High coverage/ low bulk density  
Chemical inertness  
High temperature stability  
Superior dielectric properties  
Superior reinforcement properties

Plant Location: Deepstep Community  
1132 Veal Road  
Sandersville, Ga. 31082  
Phone: (478) 553-0048  
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**Physical Properties****Specifications****Typical**

Mean Particle Size, microns	20 - 30	25		
Bulk Density (Lbs/ft3) max. 0.3	8 – 12	9.5	Moisture Loss, 100C °, %	0.5

**Chemical Properties**

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

**Regulatory**

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.

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Updated 3/17/06

Meets CTFA