

SUZORITE® 80-SF

IMERY'S Suzorite® 80-SF phlogopite mica is a dry ground product which is processed in Boucherville, Quebec.

Manufacturers specify phlogopite mica for applications requiring reinforcement and where greater resistance to moisture, heat, light or chemicals is needed. As a platy mineral, Imery's phlogopite mica offers beneficial rheological properties, is chemically inert, and provides the highest thermal stability of any mica. These properties render Imery's phlogopite micas excellent functional minerals for plastic composites, sound deadening, foundry coatings, and many other applications.

IMERY'S Suzorite 80-SF mica has a moderately high aspect ratio and is used in a broad range of applications, including:

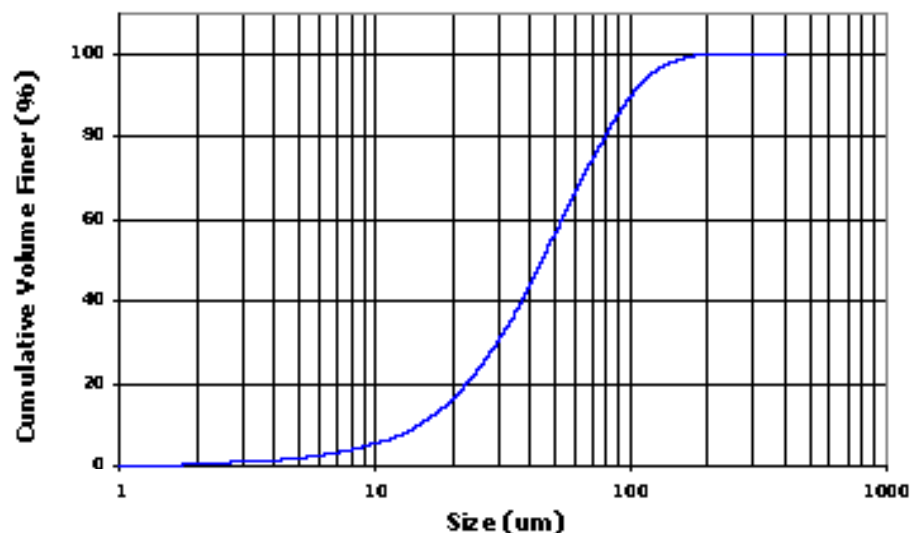
- Sound Deadening: Creates barriers to sound vibration transmission and offers weight reduction versus other minerals.
- Plastic Composites: Substantially increases stiffness and heat resistance, while promoting dimensional stability and improving electrical insulation properties.

TYPICAL PROPERTIES

Source Boucherville, Quebec, Canada

Median Particle Size (µm)	47
Aspect Ratio (Jennings)	75
Moisture (@100° C) (wt.%)	0.5
Density:	
Bulk (lbs/ft. ³)	14
Specific Gravity	2.73
Loss On Ignition (@ 1000°C) (wt.%)	<1.5
pH	9.2
Hardness (Mohs)	3
Refractive Index	1.58

TYPICAL PARTICLE SIZE DISTRIBUTION*



* By Cilas Laser Light Scattering: Actual test results may vary. Provisional Specifications.

PERFORMANCE MINERALS



PROCESSEUR DE NORMALISATION
DU QUÉBEC



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