

SUZORITE® 150-S

IMERYS Suzorite® 150-S phlogopite mica is a flake & powder 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, Imerys phlogopite mica offers beneficial rheological properties, is chemically inert, and provides the highest thermal stability of any mica. These properties render Imerys phlogopite micas excellent functional minerals for plastic composites, sound deadening, foundry coatings, and many other applications.

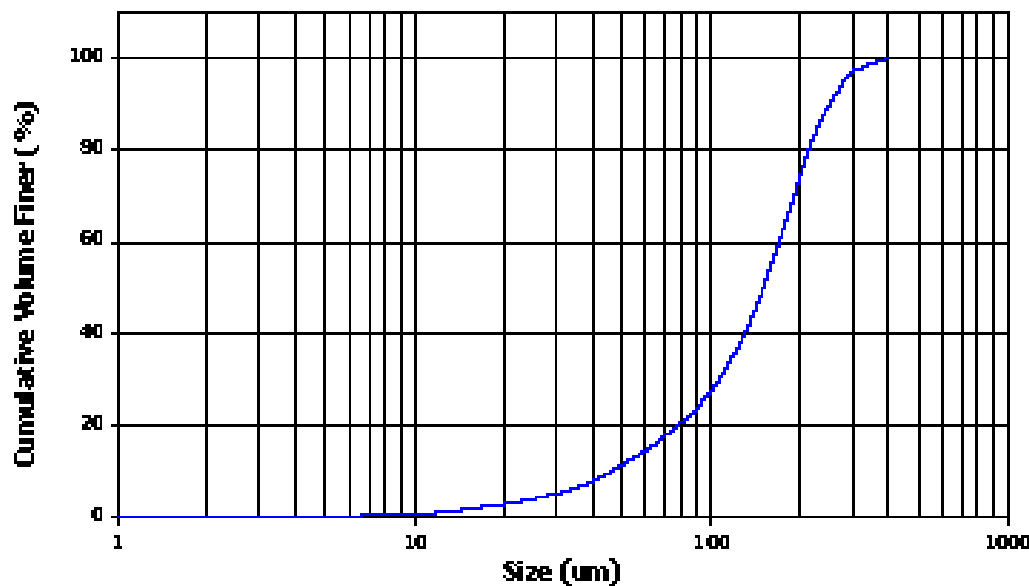
IMERYS Suzorite 150-S mica has a high aspect ratio and is used in a broad range of applications, including:

- 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)	150
Aspect Ratio (Jennings)	90
Moisture (@100° C) (wt.%)	<0.5
Density:	
Bulk (lbs/ft. ³)	14
Specific Gravity	2.73
Loss On Ignition (@ 1000°C) (wt.%)	<1.0
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.



PROCESSEUR DE MICA DE LA
PROVINCE DU QUÉBEC



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Sixth Edition
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