



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.

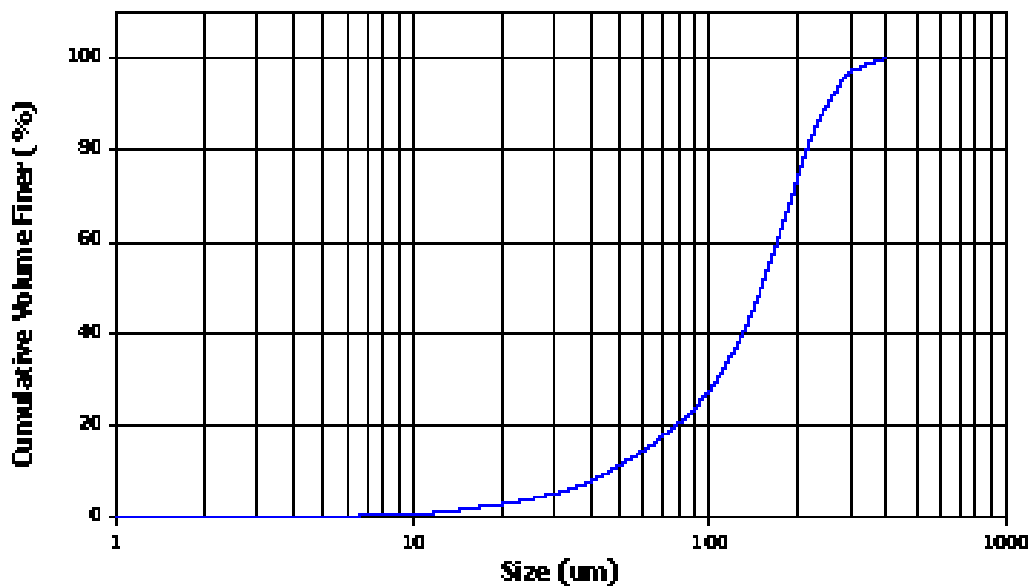
IMERYS Suzorite 150-S mica has a high aspect ratio and is used in a broad range of applications, including:

- 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.

July 2012
©IMERYS 2012
Sixth Edition
All products are registered trademarks of IMERYS

CAS No. 12001-26-2

IMERYS
100 Mansell Court East
Suite 300
Roswell, GA 30076

General:
Tel: (770) 594.0660
Fax: (770) 645.3384
www.imerys-perfmins.com

Customer Service:
Tel: (888) 277.9636
Fax: (770) 645.3631

IMERYS is a business name of
IMERYS Pigments, Inc.,
IMERYS Kaolin, Inc.,
IMERYS Mica Suzorite, Inc.
and IMERYS Marble, Inc.
Registered in the USA.

This information is believed to be correct. However, this information does not constitute any representation, condition or warranty, nor do we guarantee results to be obtained. All recommendations and sales are made on the condition that we will not be held liable for any damages resulting from their use. This provision may not be changed by any of our representatives.

