SPECIALITY MINERAL PRODUCTS

A Product of New Enterprise Stone & Lime Co., Inc.

MICRO MICA™ 115G

Micro Mica™ 115G is naturally delaminated, wet processed, ultra-fine mica that offers a unique combination of fine particle size, platy shape, low surface area and low oil absorption. Micro Mica™ 115G has good barrier properties, low resin demand and good color. Micro Mica™ 115G is a functional pigment that provides exterior durability, crack resistance, chemical resistance and coverage in interior and exterior architectural and industrial coatings applications. In plastics and rubber, Micro Mica™ 115G features excellent reinforcement and barrier properties, chemical resistance and inertness, excellent electrical properties and good dispersion.

Typical Properties	
100 Mesh Retained, %	0.0
200 Mesh Retained, %	0.1
325 Mesh Retained, %	3.3
Median Particle Size (Microns)	10.26
Color	White
L* (CIE 1976)	88.9
Bulk Density (lbs/ft^3)	25.6
Oil Absorption	24
Specific Gravity (g/cc)	2.7

Typical Chemical Composition	
SiO_2	67.75
TiO_2	1.16
Al_2O_3	20.50
Fe_2O_3	0.89
MgO	0.66
Na_2O	0.07
K_2O	3.81
LOI	4.70
Moisture (H_2O)	<0.1

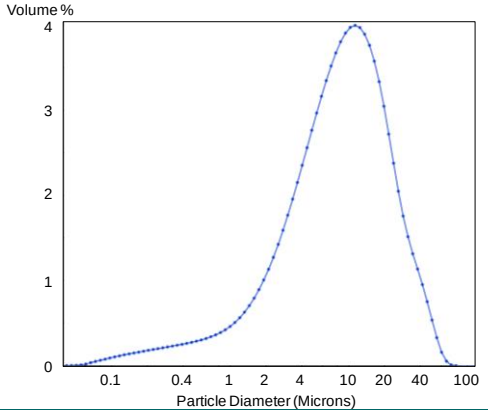
Applications

Industrial Coatings	Rubber Mold Releases
Exterior Coatings	Engineering Plastics
High Temp Coatings	Gaskets
Marine Coatings	Sealants, Caulks
Anti-Corrosion	Foundry Coatings
Stucco Coatings	Joint Compounds
Architectural Coatings	Asphalt Roofing

Micro Mica 115G Product Benefits

Good Color	Ease of Dispersion
Low Resin Demand	Increased Coverage
Crack Resistance	Reinforcing Properties
Barrier Protection	
UV Resistance	
Durability	
Chemical Resistance	

Particle Size Distribution



NOTE: The statements herein are based on data which is believed to be reliable. This data is offered in good faith and typical of normal production. New Enterprise Stone & Lime Co., Inc. makes no warranty or representation, expressed or implied, regarding the accuracy of this data or the use of this product. The user is solely responsible for the use of this product. *Updated 10/05/2010*

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