

## SURFACE MODIFIED MICROCRYSTALLINE SILICA

This mineral is surface modified with an Epoxy Silane designed for superior bonding and improved performance in Polymer systems. Two grades are offered with identical chemistry and differing particle size.

### TYPICAL CHEMICAL SPECS

SiO <sub>2</sub>	99.3
Fe <sub>2</sub> O <sub>3</sub>	0.04
Al <sub>2</sub> O <sub>3</sub>	0.10
TiO <sub>2</sub>	0.02
CaO	0.02
MgO	0.02

### TYPICAL PHYSICAL SPECS

Shape	Platelets in clusters
Spec .Gravity	2.65
Index of Refraction	1.55
pH	6.0-7.0
Hardness	7 mohs
LOI at 1000°C	0.2%
Oil absorption of the unmodified silica	17-20 spatula method

### PARTICLE SIZE FOR TWO GRADES, as % passing

<u>Size</u>	<u>325 grade</u>	<u>1250 grade</u>
75u 200 mesh	99%	100%
44u 325 "	93-98	99-100%
20u	--	94%
average	13 micron	9 micron

**ORIGIN :** INDIA

**PACKING** 50 lb bags or pallets ; Super Sacks

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Certificate of Incorporation: U24290GJ2019PTC108256 GST NO.: 24AAHCG8288L1ZY

**GLOBAL METRO CHEM INDUSTRIES**