

PRODUCT SPECIFICATIONS

Product: GMS-FS

INCI Name: Mica (And) Perfluorohexylethyl Triethoxysilane

<u>Test ID</u>	<u>Test Name</u>	<u>Specification</u>			<u>Test Method</u>
		<u>Min</u>	<u>/</u>	<u>Max</u> / <u>Text</u>	
001A	Appearance			Fine off white powder	Visual
002A	Odor			Faint characteristic odor.	Organoleptic
010A	Loss on Drying, %	0		1	2hrs. @ 105°C
012B	Microbiology			Total bacterial count < 100/g (ml); Yeast and mold < 100/g (ml); No gram negative or positive	Current USP Microbial Limit Test
033B	Hydrophobicity			Float 0.5g on 50 ml of water for more than 1 hour.	Float powder on water at room temperature
038A	Apparent Density, gm/cbi	--			CTFA Method C8-2, Scott Volumeter
047A	Lipophobicity			Float 0.5g on 50 ml of mineral oil for more than 1 hour.	
996A	* Notes on Storage			Store under dry conditions and keep containers closed.	
997A	* Note 2				
	<i>Mica prior to surface treatment</i>				
027M	Arsenic (As), ppm	0		3	ICP-MS Method
029P	Lead (Pb), ppm	0		20	ICP-MS Method