

PRODUCT SPECIFICATIONS

Product: MICA S-I2

INCI Name: Mica (And) Isopropyl Titanium Triisostearate

<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 White Powder			Visual
002A	Odor	Waxy			Organoleptic
010B	Loss on Drying, %	0.00		1.50	Moisture Balance: 15 min @ 80° 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
027M	Arsenic (As), ppm	0		3	ICP-MS Method
029H	Lead, ppm	0		10	AAS
031C	Mercury, ppm	0		1	AAS
033B	Hydrophobicity	0.5g float on 50 ml of water for about 1 hour with no disturbance.			Float powder on water at room temperature
037A	Oil Absorption, g. / 100g.	45		75	ASTM Method D281-84
038A	Apparent Density, gm/cbi	2.20		4.20	CTFA Method C8-2, Scott Volumeter
996A	* Notes on Storage	Store under dry conditions and keep containers closed.			
998A	* Note				

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