

PRODUCT SPECIFICATIONS

Product: MZO-35-11S5

INCI Name: Zinc Oxide (And) Triethoxycaprylylsilane

<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 To Off White Powder			Visual
002A	Odor	Characteristic			Organoleptic
010A	Loss on Drying, %	0		1.5	1 gram sample, 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
017F	Loss on Ignition, %	0		5	JSCI (1g,500C, constant weight)
033A	Hydrophobicity	Place 5g On 45g water. Shake 10 times. Water remains clear.			Shake powder with water in a jar
037A	Oil Absorption, g. / 100g.	32		50	ASTM Method D281-84
996A	* Notes on Storage	Store under dry conditions and keep containers closed.			
	<i>ZnO prior to surface treatment meets USP specifications.</i>				
027M	Arsenic (As), ppm	0		1	ICP-MS Method
029P	Lead (Pb), ppm	0		10	ICP-MS Method
102A	Iron and other heavy metals	To Pass Test			USP Method

If you have any questions about the information contained within this document, please contact Kevin Meyer, tel +1 (908) 941-9108.

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