

PRODUCT SPECIFICATIONS

Product: ZnO-PCC-I3

INCI Name: Zinc Oxide (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 / Text</u>	
001A	Appearance			Fine white powder	Visual
002A	Odor			Characteristic, To Match Standard	Organoleptic
003K	Color			To Match Standard	Compare pressed pigment
010A	Loss on Drying, %		0	1	1 gram sample, 2 hr @ 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
033A	Hydrophobicity			Place 1g On 45g water. Shake 10 times. Water remains clear.	Shake powder with water in a jar
038A	Apparent Density, gm/cbi		8.5	12	CTFA Method C8-2, Scott Volumeter
	* Notes on Storage			Store under dry conditions and keep containers closed.	
	Heavy Metal(s)				
	Base pigments			ZnO meets 21CFR specifications.	
027S3	Arsenic, ppm		0	3	ICP-OES
029E	Lead, ppm		0	10	ICP-OES
031J	Mercury, ppm		0	1	ICP-OES
080J	Cadmium, ppm		0	15	ICP-OES

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

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