

PRODUCT SPECIFICATION

Product: **K-RAY® SM MOLTEN METAL**

INCI Name: Titanium Dioxide (And) Synthetic Fluorophlogopite (And) Silica (And) Iron Oxides (CI 77491)

<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	Free flowing shell pink powder			Visual
002A	Odor	Odorless			Organoleptic
010A	Loss on Drying, %	0		0.5	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
015N	TiO2%	40		50	CLRTM-48
024W	Particle Size Range, µm >95% between Min/Max	8		35	CLRTM-42
025U	pH-Value (10% Aqueous Suspension)	4		11	CLRTM-45
037K	Oil Absorption, g/100g	45		90	CLRTM-46
038J	Density, g/cm3	2.6		3.6	CLRTM-47
167G	Particle size, D50, um	15		19	Light Scattering
	* Notes on Storage	Store under dry conditions and keep containers closed.			
	Heavy Metal(s)				
	Base pigments	The color components in this product meet the applicable US FDA 21-CFR, Japan MHW, and EU Regulation (EC) No 1223/2009 specifications and purity requirements.			
027X	Arsenic, ppm	0		2	CLRTM-55
029U	Lead, ppm	0		10	CLRTM-55
031K	Mercury, ppm	0		1	CLRTM-55
032F	Antimony, ppm	0		2	CLRTM-55
079E	Barium, ppm	0		50	CLRTM-55
080E	Cadmium, ppm	0		4	CLRTM-55
081D	Chromium, ppm	0		100	CLRTM-55
082D	Copper, ppm	0		50	CLRTM-55

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

Mar. 2024

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083D	Nickel, ppm	0		50	CLRTM-55