

## PRODUCT SPECIFICATIONS

Product: BUO-TA-I2

INCI Name: Iron Oxides (And) Talc (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 brown powder, TMS			Visual
002A	Odor	Slightly wax, TMS			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
037A	Oil Absorption, g. / 100g.	25		40	ASTM Method D281-84
038N	Apparent Density, g/in <sup>3</sup>	3		7	Scott Volumeter/ 40 mesh screen
	<b>Heavy Metal(s)</b>				
027F	Arsenic, ppm	0		3	AAS
029H	Lead, ppm	0		10	AAS
031C	Mercury, ppm	0		1	AAS
998A	* Note	Prior to surface treatment, iron oxides meet 21CFR and E-172 specifications			