

PRODUCT SPECIFICATIONS

BRO-I2

INCI Name: Iron Oxides (C.I. 77491) (And) Isopropyl Titanium Triisostearate

Test ID	Test Name	Specification	Test Methods
001A	Appearance	Fine Red Powder	Visual
002A	Odor	Waxy	Organoleptic
010A	Loss on Drying, %	Min : 0 - Max : 1	2hrs. @ 105°C
012B	Microbiology	<100 cfu/g; No Pathogens	Current USP Microbial Limit Test
027G	Arsenic, ppm	Min : 0 - Max : 3	CTFA Method F 1-1, Silver Diethyldithiocarbamate
029B	Lead, (as Pb), ppm	Min : 0 - Max : 10	Weak Acid Extraction AA Method
031C	Mercury, ppm	Min : 0 - Max : 1	AAS
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.	Min : 15 - Max : 35	ASTM Method D281-84
038A	Apparent Density, gm/cbi	Min : 9 - Max : 14	CTFA Method C8-2, Scott Volumeter
042M	Residue on Ignition, %	Min : 96.50 - Max : 98.50	3 hours @ 800°C

Patent # 4,877,604

If you have any questions about the information contained within this document, please contact Kobo's QC department extension 7113 or 7106.

Dec. 2011