

## PRODUCT SPECIFICATIONS

Product: BWBO-FS

INCI Name: Iron Oxides (CI 77499) (And) Perfluorohexylethyl Triethoxysilane

<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 black powder	Visual
002A	Odor			Slight characteristic odor	Organoleptic
003V	Color			To match standard	To match standard.
010A	Loss on Drying, %	0.00		1.00	1 gram sample, 2hrs. @ 105°C
012B	Microbiology			<100 cfu/g Total Bacteria, Mold, and Yeast; No Gram Negatives	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
036A	Identification			Matches Standard	IR
047A	Lipophobicity			Float 0.5g on 50 ml of mineral oil for more than 1 hour.	
996A	* Notes on Storage			Store under dry conditions and keep containers closed.	
998A	* Note				
<b><i>Prior to surface treatment, iron oxide meets 21 CFR and E-172 requirements</i></b>					
027M	Arsenic (As), ppm	0		3	ICP-MS Method
029P	Lead (Pb), ppm	0		10	ICP-MS Method
031L	Mercury, ppm	0		1	ICP Method