

PRODUCT SPECIFICATIONS

Product: RBTD-M-FS

INCI Name: Titanium Dioxide (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			White fine powder	Visual
002A	Odor			Odorless	Organoleptic
010A	Loss on Drying, %	0		1	2hrs. @ 105°C
012B	Microbiology			<100 cfu/g Total Bacteria, Mold, and Yeast; No Gram Negatives	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
036A	Identification			Matches Standard	IR
047A	Lipohobicity			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				
<i>TiO2 meets 21CFR and E-171 specifications</i>					
027M	Arsenic (As), ppm	0		1	ICP-MS Method
029P	Lead (Pb), ppm	0		10	ICP-MS Method
031L	Mercury, ppm	0		1	ICP Method
032H	Antimony, ppm	0		2	ICP-MS Method