

PRODUCT SPECIFICATION

Product: RBTD-P200-11S4

INCI Name: Titanium Dioxide (And) Triethoxycaprylylsilane

| <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 White Powder, No Grit | Visual |
| 002A | Odor | | | Characteristic | Organoleptic |
| 010A | Loss on Drying, % | | 0 | 1 | 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 |
| 033A | Hydrophobicity | | | Place 1g On 45g water. Shake 10 times. Water remains clear | Shake powder with water in a jar |
| 036A | Identification | | | To match standard | IR |
| 037A | Oil Absorption, g. / 100g. | | 15 | 30 | ASTM Method D281-84 |
| 038A | Apparent Density, gm/cbi | | 6 | 10 | CTFA Method C8-2, Scott Volumeter |
| | * Notes on Storage | | | Store under dry conditions and keep containers closed. | |
| | Heavy Metal(s) | | | | |
| | Base pigments | | | Prior to surface treatment, TiO2 meets 21 CFR, E-171 and USP specifications | |
| 027H | Arsenic (as As), ppm | | 0 | 1 | FDA method |
| 029D | Lead, ppm | | 0 | 10 | FDA Method |
| 031F | Mercury, ppm | | 0 | 1 | FDA method |
| 032J | Antimony, ppm | | 0 | 2 | FDA method |

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

Mar. 2024