

Name of Chemical : Titanium Dioxide (Rutile GP Grade)
Trade Name : Ajantox RD-01 GP

PIGMENTARY CHARECTERISTICS/CHEMICAL COMPOSITION

| <i>Sl No.</i> | <i>Characteristics</i> | <i>Requirement</i> | <i>Typical Result</i> |
|---------------|--------------------------------------|---|-----------------------|
| 1 | Mas tone | Close match – sl.inferior to approved sample | sl. inferior |
| 2 | Reducing tone | Close match – Sl.Inferior to approved sample | Close match |
| 3 | Volatile matter(at 120°C) | 0.50%(max) | 0.21 |
| 4 | Water soluble | 0.50%(max) | 0.43 |
| 5 | PH of 10% aqu.Suspension | 6.5 - 8.5 | 8.2 |
| 6 | Residue on 325 mesh | 0.10%(max) | 0.08 |
| 7 | Relative density | 3.9 - 4.2 | 4.19 |
| 8 | Oil absorption | 15.0 - 30.00 | 17.56 |
| 9 | TiO₂ | 97.5%(min) | 97.5 |
| 10 | Tinting strength | 1500(min) | 1510 |
| 11 | Iron content ppm | 336(max) | 196 |
| 12 | Surface treatment | Nil | Nil |