

Name of Chemical : Titanium Dioxide (Rutile Grade)

Trade Name : Ajantox RD-01

PIGMENTARY CHARACTERISTICS/CHEMICAL COMPOSITION

<i>Sl No.</i>	<i>Characteristics</i>	<i>Requirement</i>	<i>Typical Result</i>
1	Volatile matter at 105°C	0.50%(max)	0.17
2	Residue on 45 micron (325 mesh IS sieve)	0.10 %(max)	0.036
3	Oil absorption	15-30 %	16.10
4	Colour in oil	Close match to the approved sample	Match
5	Reducing power	Close match to the approved sample	Match
6	Relative density at 27°C	3.9–4.2	4.19
7	Matter soluble in water	0.50%(max)	0.405
8	P^H of 10% pigment slurry in distilled water	6.0-8.5	7.5
9	Titanium dioxide	97.50%(min)	98.50
10	Fe	170 ppm(max)	84
11	P₂O₅	0.30%(max)	0.20
12	Tinting Strength(Reynolds)	1500(min)	1550
13	Surface treatment	Nil	Nil