

Name of Chemical : Titanium Dioxide (ISI Grade)

Trade Name :Ajantox A

PIGMENTARY CHARACTERISTICS

<i>Characteristics</i>	<i>Requirement</i>	<i>Typical result</i>
Volatile matter at 105°C	0.5 % (max)	0.20
Residue on 45 micron (325 mesh IS sieve)	0.10 % (max)	0.05
Oil absorption	15 -30%	22.04
Colour in Oil	Close match to the approved sample	Close Match
Reducing power	Not inferior to the approved sample	Not Inferior
Relative density at 27°C	3.7 – 3.9	3.76
Matter soluble in water	0.50 % (max)	0.44
pH of 20% pigment slurry in distilled water	6 - 8	7.3
Titanium dioxide	98.0% (min)	98.25
Fe	170 ppm (max)	112
P₂O₅	0.50% (max)	0.30