



DATA SHEETS

CR 50-2



Titanium Dioxide

TIPAQUE[®] CR-50-2

CR-50-2 is a chloride process titanium dioxide pigment post-treated with alumina and an organic compound. It is a medium particle rutile grade that is known for its ease of dispersion. It can be used as a general purpose grade with optimal performance in a variety of applications: from water-based/solvent-based paints, to printing inks and plastics.

■ Chemical and Physical Characteristics

	CR-50-2	CR-50
Particle Size (µm)	0.25	0.25
TiO ₂ (%) Minimum	95	95
Oil Absorption (g/100g)	17	18
Post-Treatment	Al, polyol	Al

■ Dispersability

* Short Oil Alkyd

	Fineness development (µm)	
	10 min.	20 min.
CR-50-2	10↓	not observed

CR-50

70

40

■ Film Properties

* Alkyd-Melamine Stoving Enamel, P/B=1/1

		CR-50-2	CR-50
Gloss (20° -20°)		73	72
Hiding Power (CR%)		91.3	91.2
Color	L	95.6	95.6
	b	0.9	0.7
Tinting Strength	L	46.9	46.9
	b	-5.5	-5.4

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