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CR-57



Titanium Dioxide

TIPAQUE<sup>®</sup> CR-57

**CR-57** is a chloride process titanium dioxide pigment post-treated with alumina, zirconia, and an organic compound. It is a medium particle rutile grade that is known for its excellent gloss, superior hiding power, tinting strength and ease of dispersion. Due to its excellent durability, it is also recommended for a wide variety of applications, including both interior and exterior paint applications.

#### ■ Chemical and Physical Characteristics

	CR-57	CR-50
Particle Size (µm)	0.25	0.25
TiO <sub>2</sub> (%) Minimum	95	95
Oil Absorption (g/100g)	17	18
Post-Treatment	Al, Zr, polyol	Al

## ■ Dispersability

\* Short Oil Alkyd

Dispersing Time	Fineness development (µm)	
	10 min.	20 min.
<b>CR-57</b>	<b>10↓</b>	<b>not observed</b>
CR-50	70	40

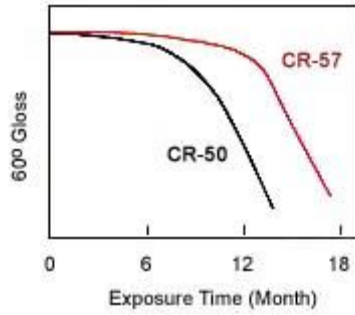
## ■ Film Properties

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

		<b>CR-57</b>	CR-50
Gloss (20° -20°)		<b>73</b>	72
Hiding Power (CR%)		<b>91.4</b>	91.2
Color	L	<b>95.7</b>	95.6
	b	<b>0.8</b>	0.7
Tinting Strength	L	<b>46.8</b>	46.9
	b	<b>-5.4</b>	-5.4

## ■ Durability

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



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