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CR 90-2



Titanium Dioxide

TIPAQUE® CR-90-2

CR-90-2 is a medium particle size rutile type titanium dioxide pigment produced by the chloride process and post-treated with dense-silica, alumina and an organic compound.

CR-90-2 has superior durability in gloss retention, chalk resistance and shows ease of dispersion.

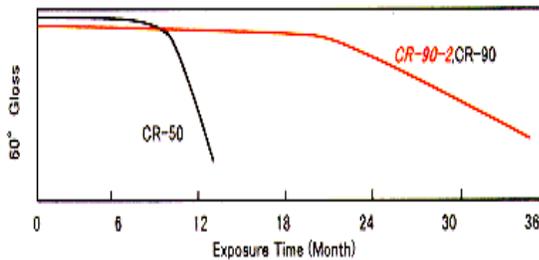
CR-90-2 is a suitable grade for versatile applications such as industrial paints, exterior paints and powder coatings.

■ **Chemical and Physical Characteristics**

	CR-90-2	CR-90	CR-50
Particle Size (µm)	0.25	0.25	0.25
TiO ₂ (%) Minimum	90	90	95
Oil Absorption (g/100g)	20	21	18
Post-Treatment	Si, Al, polyol	Si, Al	Al

■ **Durability**

Alkyd-Melamine stoving enamel, P/B=1/1



■ **Dispersability**

(Short oil Alkyd)

Dispersing Time

CR-90-2

CR-90

Fineness development (µm)

10 min

10 ↓

90

20 min

not observed

50

■ **Film Properties**

(Alkyd-Melamine stoving enamel, P/B=1/1)

	CR-90-2	CR-90
Gloss (20)	69	63
Hiding Power (CR%)	91.1	91.1
Color L	95.6	95.6
Color b	0.8	0.7
Tinting Strength L	47.0	46.6
Tinting Strength b	-4.9	-4.9

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