



ISHIHARA SANGYO KAISHA, LTD.

## TIPAQUE® CR-95

**TIPAQUE® CR-95** is a large particle size rutile type titanium dioxide pigment produced by the chloride process and post-treated with dense-silica, alumina and an organic compound.

**TIPAQUE® CR-95** has excellent durability in gloss retention, chalk resistance and shows ease of dispersion.

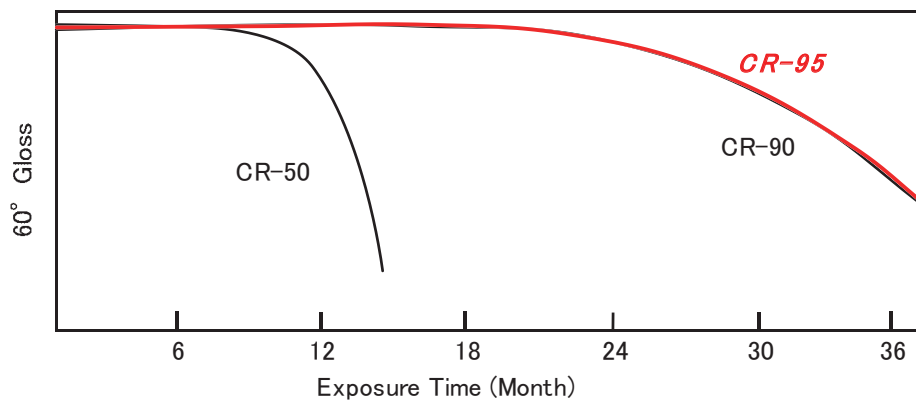
**TIPAQUE® CR-95** is a suitable grade for versatile applications such as automotive coatings, industrial paints and exterior paints.

### <Chemical and Physical Characteristics>

	<b>CR-95</b>	CR-90	CR-50
Particle Size (μm)	<b>0.28</b>	0.25	0.25
TiO <sub>2</sub> (%) , minimum	<b>90</b>	90	95
Oil Absorption (g/100g)	<b>17</b>	21	18
Post-treatment	<b>Si, Al, polyol</b>	Si, Al	Al

### <Durability>

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



### <Dispersibility>

(Short oil- Alkyd)

	Fineness development (μm)	
	10 min.	20 min.
<b>CR-95</b>	<b>10↓</b>	<b>not observed</b>
CR-90	90	50
CR-50	70	40

### <Film properties>

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

	<b>CR-95</b>	CR-90	CR-50
Gloss (20° -20°)	<b>68</b>	63	72
Hiding Power (CR%)	<b>91.1</b>	91.1	91.2
Color	L	<b>95.9</b>	95.6
	b	<b>0.8</b>	0.7
Tinting Strength	L	<b>47.0</b>	46.6
	b	<b>-3.8</b>	-4.9

Osaka Head Office : +81-6-6444-1450

The information presented herein is believed to be reliable. However, no warranty is expressed or implied and no liability and is assumed in connection with any use of this information. It is offered only for your consideration, investigation and verification.