



INTRODUCTION OF PRODUCTS

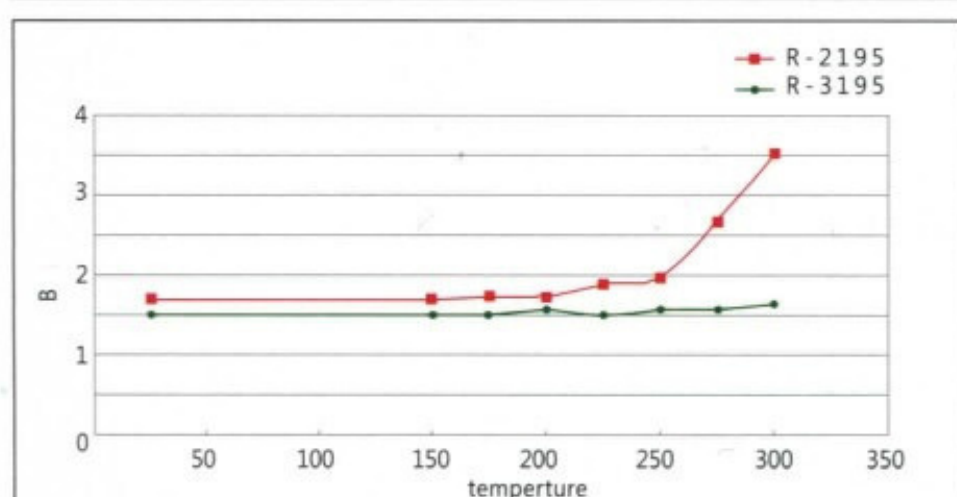
Characteristics: R-3195 is rutile titanium dioxide with inorganic and organic surface treatment, which has high whiteness, hiding power, tinting strength, weather resistance and dispersibility.

Applications: R-3195 is a solvent based product, which is widely used in oily coating, ink, etc. Meanwhile, it performs well in thermal endurance system.

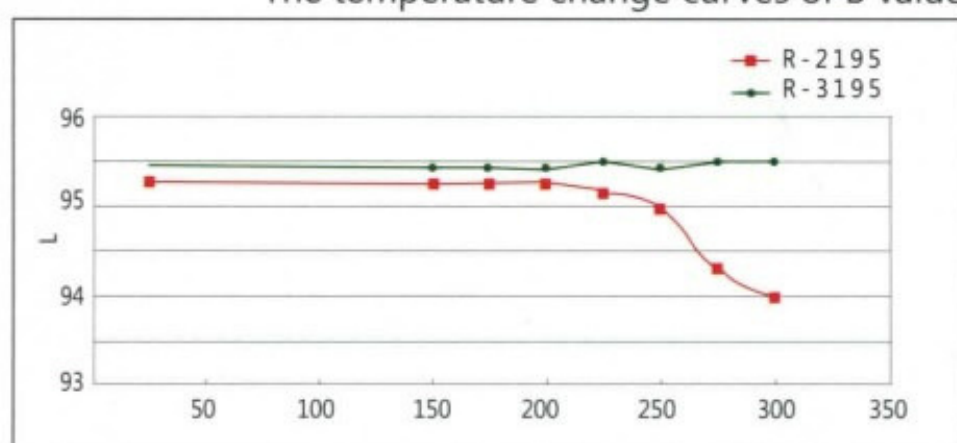
SPECIFICATION

TiO ₂ content	≥93%
Rutile content	≥97%
Inorganic treatment	Si, Al
Organic treatment	YES
Particle size (D50)	0.26
Specific gravity	4.0
Apparent density	0.64
Oil absorption	≤21
CIEL*	≥94.5
pH	6.0-9.0

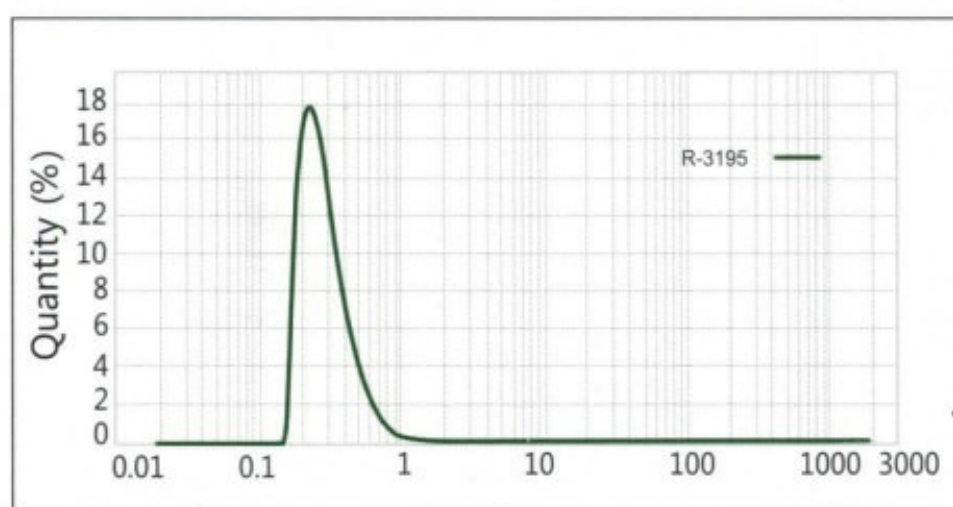
INTRODUCTION OF PERFORMANCE



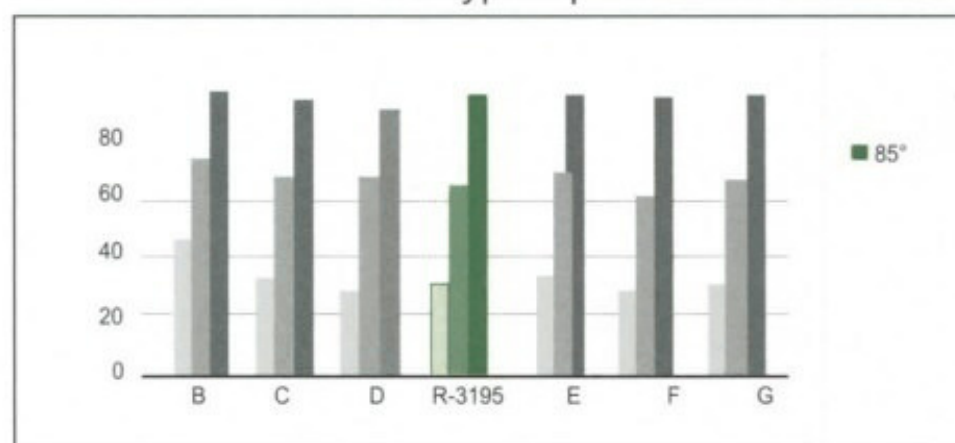
* The temperature change curves of B value



* The temperature change curves of L value



*The typical particle size distribution



*The glossiness of R-3195 in compound ink

The glossiness of R-3195 and other TiO₂ products are respectively measured at the angle of 20°, 60° and 85° in compound ink.

Glossiness is measured with Three Angle Determinator. B、C、D are foreign products of the same type. E、F、G are domestic products of the same type.

GRADING STANDARD

ISO591-1 : 2000(E) R2

ASTMD476-00 II

SAFETY PRECAUTIONS AND FIRST AID

Titanium dioxide is classified as a nuisance dust.

- As a matter of good industrial hygiene, gloves and safety glasses with side shields or better eye protection should be worn when handling
- If large amounts of TiO₂ are inhaled, remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
- In case of eye contact, immediately flush with water for at least 15 min. Call a physician. In case of skin contact, the compound is not likely to be hazardous, but cleaning the skin after use is advised.