



INTRODUCTION OF PRODUCTS

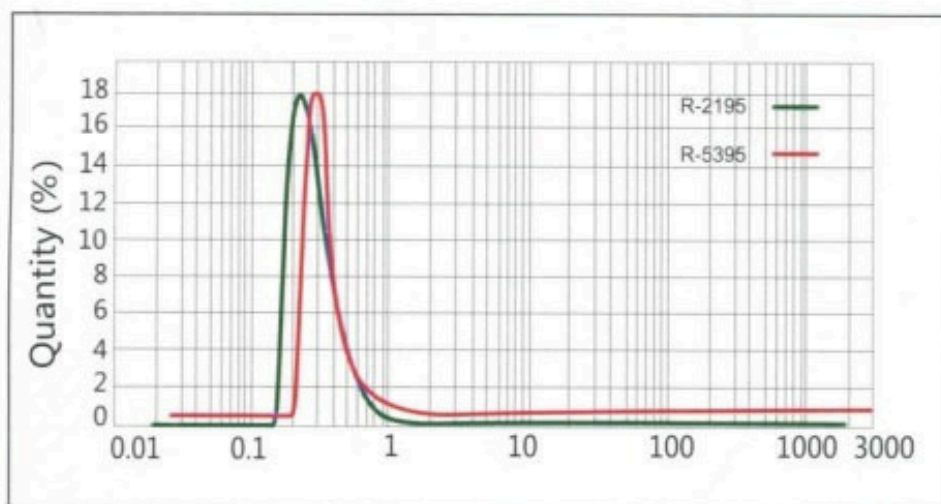
Characteristics: R-5395 is rutile titanium dioxide produced by sulphate process, it adopts advanced particle and milling control technology, improve product particle, improve product pigment performance. This product has high opacity and gloss which most products do not have.

Applications: Recommended to be used in Gravure inks, Table printing inks, R-5395 has good hiding power in water-based, solvent based, surface printing and back printing formulations.

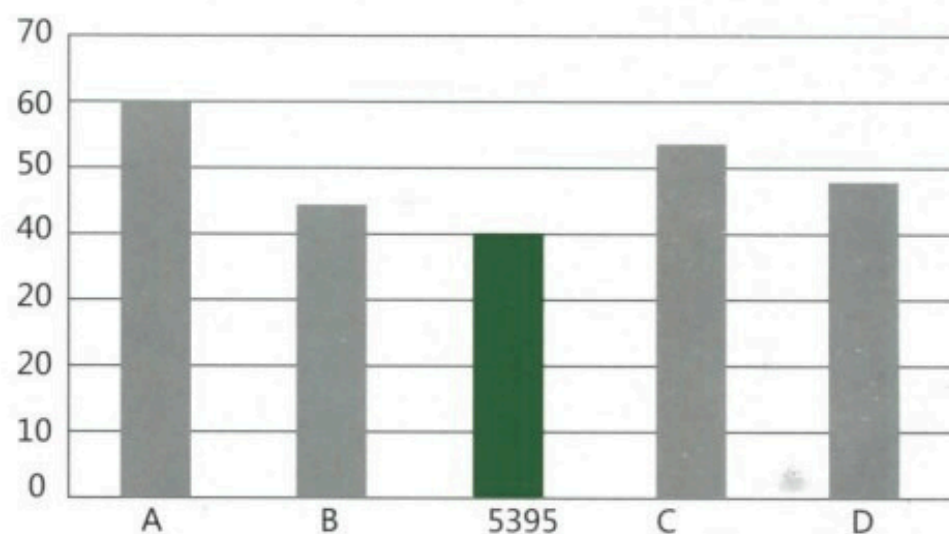
SPECIFICATION

TiO ₂ content	≥93%
Rutile content	≥97%
Inorganic treatment	Al
Organic treatment	YES
Specific gravity	4.1g/cm ³
Durability	Medium
Oil absorption	18.0cm ³ /100g
CIEL*	≥94.5
pH	6.0-9.0

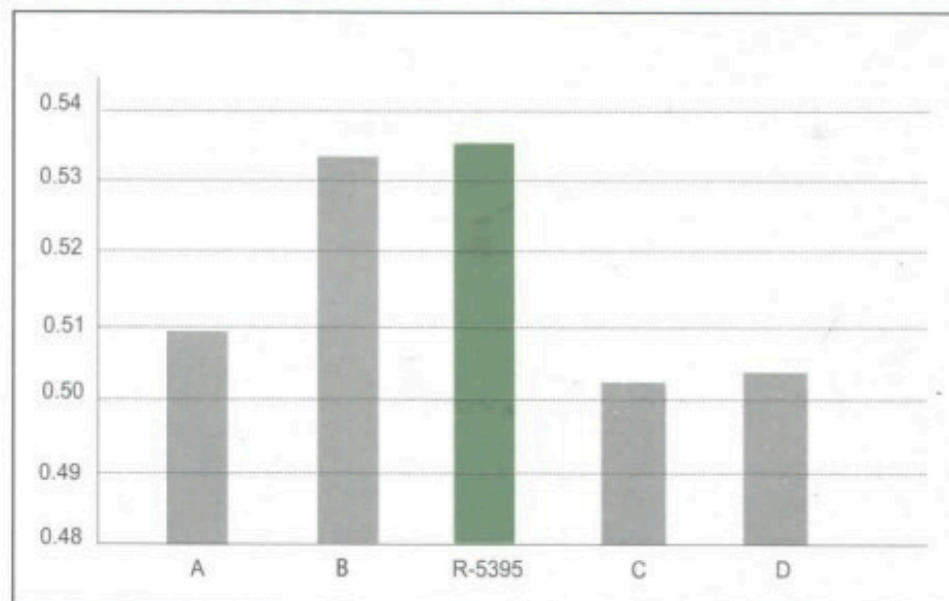
INTRODUCTION OF PERFORMANCE



*Particle size distribution



The glossiness of R-5395 in ink .
A and B are foreign products.
C and D are domestic products.



The Hiding power of R-5395 in compound printing ink .
A and B are foreign products.
C and D are domestic products.

GRADING STANDARD

ISO591-1 : 2000(E) R2

ASTMD476-00 II III

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.