



Technical Data Sheet

YR-803

Production name: YR-803

Chemical name: Titanium Dioxide

Molecular formula: TiO₂

Product Description:

YR-803 is a chloride process rutile titanium dioxide pigment, which is treated by ZrO₂, TiO₂, SiO₂, Al₂O₃ and TMP. It is a universal grade.

Application:

White and colored automobile coatings, coil coatings, uv-curable coatings, powder coatings, water-based coatings, high quality industrial coatings, etc.

Technical Indexes:

Items	Index
TiO ₂ Content %	≥ 90.0
Surface treatment	Zr, Ti, Si, Al, TMP
CIE L*	≥95.0
Tinctorial Strength % (acrylic coatings system, with R-902+ as reference)	≥98
Hiding power (acrylic coating system)	≥94
CIE Whiteness	≥85
Oil dispersion H	≥6.5
Oil absorption g/100g	≤20
Water suspension pH	6.0-8.5
Water suspension resistivity Ω.m	≥75.0
Residues (45 μ m sieve pore) %	≤0.05
105°C volatile matter %	≤0.5

Packing:

25kg per paper/plastic bag and 40 bags per pallet. Other packaging types are available upon request.

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