

### R878 rutile (titanium dioxide)

R878 rutile is a titanium dioxide pigment with inorganic coating and organic surface treatment, which has strong glossiness and hiding power, anti-chalking characteristics, and can be easily dispersed in plastic and rubber.

Applications:

Plastics, master batches, flexible PVC, rubber, other areas.

Packaging:

25 kg paper-plastic bag; large 500 kg or 1,000 kg bag.

Technical indicators:

Properties	Indicator
TiO <sub>2</sub> mass fraction (percentage)	94
Mass fraction, 105° C, volatiles (percentage)	0.8
Mass fraction, water soluble (percentage)	0.5
Mass fraction (45μm) sieve residue (percentage)	0.055
Color (based on standard sample)	No less than
Achromatic power (based on standard sample, percentage ≥)	115
Aqueous suspension, pH value	6.0-8.5
Oil absorption (g/100g ≤)	20
Resistivity of water extract (Ωm ≥)	50
Mass fraction, 105 ° C volatiles, 24hours after pretreatment at 23±2 ° C, with relative humidity of 50±5 percent ≤	1
Rutile conversion rate (percentage ≥)	98.5
Average particle diameter (μm)	0.20-0.26
Organics	Exist