

RUTILE TITANIUM DIOXIDE – R878

Applications

Plastic, masterbatch, Flexibility PVC, Rubber

Production Description

Inorganic Al surface coating , organic surface treating
Good glossiness , good tinting strength,
strong hiding power, resist to atomize, and easy to
disperse in plastic and rubber etc

Technical Data

Item	Specification
Purity TiO ₂ % \geq	96
Matter volatile at 105 °C % \leq	0.8
Hydrotrope % \leq	0.5
Residue on sieve 45 μ m % \leq	0.05
Color compare with standard	Not lower than
Tinting strength compare with standard % \geq	115
PH of suspension, aqueous solution retained	6.5–8.5
Oil absorption g/100g \leq	18
Resistivity of aqueous extract Ω m \geq	50
Rutile crystal form conversion, % \geq	97.5
Average particle diameter μ m	0.20–0.26

