

TECHNICAL DATA SHEET

TITANIUM DIOXIDE – RUTILE – RM-2

Main Standards and Properties:

Chemical Element	Titanium dioxide (TiO ₂) /Rutile (R type)
Category	ISO591:R2
	ASTM D-476-84: II (IV)
Color Index No.	White pigment 6 (77891)
CAS NO.	13463-67-7
EINECS NO.	236-675-5
Specific Gravity	4.1 g/cm ³
Appearance	White powder
Packing	25kg per paper bag
Main features	Manufactured by advanced techniques introduced abroad, According to international high-grade rutile TiO ₂ standard, narrow particle size distribution, good whiteness, fine pigment performance and optical performance.
Applications	Coatings, plastics, paper, rubbers and printing ink

Quality Index:

Items	Unit	Index
TiO ₂	%	≥93.0
Brightness,L	%	≥95.0
Tinting strength (Reynolds)		≥ 1900
Oil absorption	g/100g	≤ 20
Rutile TiO ₂	%	≥ 98.0
pH, aqueous suspension		6.0~8.5
Residue, (0.045mm screen)	%	≤ 0.02
Volatility at 105°C	%	≤ 0.5
Oil dispersibility (Hegman's number)		≥6.0