



**Titanium, Mineral & Chemicals**

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## Specification of Titanium Dioxide (Rutile TMC-R8500,8600)

### *Physical properties*

	R-8500	R-8600
Formula	TiO <sub>2</sub>	TiO <sub>2</sub>
Molecular weight	79.9	79.9
Appearance	White Powder	White powder
Screen Size	200 mesh through 100 %	200 mesh through 100%

### *Specification*

TiO <sub>2</sub> content	92~95 %	92~95 %
Rutile content	98 % min	98 % min
Moisture at 105°C	0.3 % max	0.3 % max
Mesh Residue 45 µm	0.1% max	0.1% max
pH of aqueous extract	6.5~8.0	6.5~8.0
Oil absorption	25 g/100g max	25 g/100g max
Water soluble	0.3 % max	0.3 % max
Water absorption	25 % mas	23 % mas
Dispersion in Water	80 % min	85 % min
Specific Resistance	5,000~10,000 ohm/cm	5,000~10,000 ohm/cm

### *Packing*

25 kg Paper bag inside PP woven coating, 1 MT Jumbo bag. Pallet. Wrapping.20 MT/1 Container