

Classification:

- ISO 591, DIN 55912 R2
- CAS no. (TiO₂) 13463-67-7
- EINECS no. (TiO₂) 2366755
- ASTM D476 II, IV

TITANIUM DIOXIDE RUTILE

GR-728

TECHNICAL DATA SHEET

Description	<ul style="list-style-type: none">• Rutile titanium dioxide pigment made by the sulphate process for general use.																				
Applications	<ul style="list-style-type: none">• Plastics , Thermoplastics, Masterbatch• Paper, Décor Paper• Printing Ink• Paints• Adhesives																				
Typical Properties	<table><tr><td>• TiO₂ content % min</td><td>93</td></tr><tr><td>• Rutile content % min</td><td>98</td></tr><tr><td>• Volatile matters at 105°C % max</td><td>0.5</td></tr><tr><td>• Water-soluble matters % max.</td><td>0.5</td></tr><tr><td>• Residue on sieve of 45um(m/m) % max</td><td>0.05</td></tr><tr><td>• PH Value</td><td>6,5 - 8,5</td></tr><tr><td>• Whiteness min.</td><td>97</td></tr><tr><td>• Oil absorption, g/100g max.</td><td>21</td></tr><tr><td>• Tint- reducing Power(Reynold's) min</td><td>1900</td></tr><tr><td>• Surface treatment</td><td>Al₂O₃-ZrO₂, organic</td></tr></table>	• TiO ₂ content % min	93	• Rutile content % min	98	• Volatile matters at 105°C % max	0.5	• Water-soluble matters % max.	0.5	• Residue on sieve of 45um(m/m) % max	0.05	• PH Value	6,5 - 8,5	• Whiteness min.	97	• Oil absorption, g/100g max.	21	• Tint- reducing Power(Reynold's) min	1900	• Surface treatment	Al ₂ O ₃ -ZrO ₂ , organic
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Packing	<ul style="list-style-type: none">• 25kg Paper or PP bags• 25kg Repulpable-Water Soluble bags• Big Bags (500, 1000kgs)																				