

**Classification:**

- ISO 591, DIN 55912 R2
- CAS no. (TiO<sub>2</sub>) 13463-67-7
- EINECS no. (TiO<sub>2</sub>) 2366755
- ASTM D476 II, IV

# TITANIUM DIOXIDE RUTILE

## GR-721

### TECHNICAL DATA SHEET

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<b>Description</b>	<ul style="list-style-type: none"><li>• Rutile titanium dioxide pigment made by the sulphate process for general use.</li></ul>																				
<b>Applications</b>	<ul style="list-style-type: none"><li>• Plastics , Thermoplastics, Masterbatch</li><li>• Paper, Décor Paper</li><li>• Printing Ink</li><li>• Paints</li><li>• Adhesives</li></ul>																				
<b>Typical Properties</b>	<table><tr><td>• TiO<sub>2</sub> 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>Al<sub>2</sub>O<sub>3</sub> - SiO<sub>2</sub>, organic</td></tr></table>	• TiO <sub>2</sub> 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 <sub>2</sub> O <sub>3</sub> - SiO <sub>2</sub> , organic
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<b>Packing</b>	<ul style="list-style-type: none"><li>• 25kg Paper or PP bags</li><li>• 25kg Repulpable -Water Soluble bags</li><li>• Big Bags (500, 1000kgs)</li></ul>																				