

Technical Data Sheet

Version: 2.1

PR2095 Rutile Titanium Dioxide Pigment

Description	PR2095 is a rutile titanium dioxide pigment. It is designed and developed specifically for the characteristics of the plastics industry. Through a special organic surface treatment technology, the product is endowed with extremely low hygroscopicity during the storage phase, and good processability during the plastic processing. In plastic applications, it exhibits characteristics such as high whiteness, high dispersibility, high tinting strength, and low volatility.
Applications	It is recommended for evaluation in: <ul style="list-style-type: none"> • Polyolefin master batch • Polystyrene compounds • ABS injection • Blow moulding • Plastisol • Interior rigid PVC • Flexible PVC • Linoleum and rubber flooring • Solvent based printing ink
Typical Properties	<p>TiO₂ content %: 98</p> <p>Organic Treatment: Yes</p> <p>Specific Gravity (g/cm³): 4.1</p> <p>Oil Absorption (g/100g): ≤ 16</p> <p>pH value: 6.5 – 8.5</p> <p>Residue on sieve of 45 μm (m/m): ≤ 0.1%</p>
Classifications	<p>ISO 591: R1</p> <p>ASTM D-476-00: Type I</p> <p>CAS number: 13463-67-7</p> <p>Colour Index: 77891</p> <p>Pigment white 6</p>
Storage	Keep the product un-stacked in dry and closed rooms at normal temperature and air humidity. To achieve best possible results, we recommend storage under the condition stated above and use within 12 months from delivery.
* Typical Properties not to be construed as specifications	

Disclaimer:

The information given in this publication is obtained from sources believed to be reliable and every effort has been made to ensure that the data is correct and not misleading. However, Titanos group of companies accepts no responsibility for any errors, omissions or incorrect information or for any loss or consequential losses.