

Technical Data Sheet

Version: 3.1

TITANOS HR991-1 Rutile Titanium Dioxide Pigment

Description	HR991-1, is a kind of rutile titanium dioxide pigment, produced by advanced chloride process and treated with high silicon and aluminum, resulting in high weatherability, good whiteness, high hiding power and strong dispersibility, dedicated to use in coating with high weather-resistance requirements.
Applications	<p>It is recommended for evaluation in:</p> <ul style="list-style-type: none"> • Both interior and exterior painting. • Solvent and water based painting. • Road mark painting. • Automotive painting, refinish painting. • Powder coating.
Typical Properties	<p>TiO₂ Content: ≥ 93 %</p> <p>Organic Treatment: Yes</p> <p>Inorganic Treatment: Yes</p> <p>Specific Gravity (g/cm³): 4.1</p> <p>Oil Absorption (g/100g): ≤20</p> <p>pH Value: 6.5 – 8.5</p> <p>Residue on sieve of 45 μm (m/m): ≤ 0.03%</p>
Classifications	<p>ISO 591: R2</p> <p>ASTM D-476-00: Type II</p> <p>CAS number: 13463-67-7</p> <p>Color 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	

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