

# Technical Data Sheet

Version: 1.1

## TITANOS R903 Rutile Titanium Dioxide Pigment

Description	R903 is a multipurpose rutile titanium dioxide pigment is recommended for outdoor plastics.
Applications	<p>It is recommended for evaluation in:</p> <ul style="list-style-type: none"> <li>• Injection molding, blow molding, and blown film</li> <li>• Exterior polyethylene or polypropylene</li> <li>• Rigid interior, flexible and plastisol PVC system</li> </ul>
Typical Properties	<p> TiO<sub>2</sub> content %: 95  Alumina: Yes  Zirconia: Yes  Organic Treatment: Yes  Specific Gravity (g/cm<sup>3</sup>): 4.1  Oil Absorption (g/100g): ≤ 19  pH value: 6.0 – 8.5  Residue on sieve of 45 μm (m/m): ≤ 0.05% </p>
Classifications	<p> ISO 591: R2  ASTM D-476-00: Type II  CAS number: 13463-67-7  Colour Index: 77891  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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