

## TINOX R-2280 Rutile Titanium Dioxide

TINOX® R-2280 is a rutile pigment specially designed for the use in plastics. It has an inorganic posttreatment, as well as a very **hydrophobic organic posttreatment**. TINOX® R-2280 has a **blue undertone** and **excellent** properties in **opacity** and **gloss**. The unique production process grants R-2280 **excellent dispersibility** in plastics, **low volatile**, **resistance at high temperatures** and **excellent processability**. TINOX® R-2280 is used in a variety of different plastics.

### ● Applications

- High concentrated Masterbatch
- Consumer electronic plastics
- Polypropylen PP
- Polystyrene PS
- ABS
- PVC

### ● Properties

- Excellent opacity and hiding power
- Excellent dispersibility
- Excellent heat resistance
- Strong blue undertone
- Excellent hydrophobic
- Extremely low volatile

### ● Product specification

<b>TiO<sub>2</sub> Content %</b>	≥ 97.5
<b>Rutile Content %</b>	≥ 96.5
<b>Brightness CIE L*</b>	≥ 96.7
<b>Tone CIE b</b>	≤ 2.1
<b>Tinting Strength [Reynolds]</b>	≥ 2000
<b>Blue Undertone [SCX]</b>	≥ 4.4
<b>Rel. Humidity 105°C</b>	≤ 0.3
<b>Oil Absorption [g/100g]</b>	≤ 15
<b>PH</b>	6.5~8.5
<b>Sieve Residual [45µm]</b>	≤ 0.01
<b>Posttreatment</b>	Al,Organic
<b>Bulk density [kg/m<sup>3</sup>]</b>	800
<b>Weatherability</b>	B
<b>CAS No.</b>	13463-67-7
<b>ASTM D476</b>	II
<b>ISO 591-1:2000</b>	R1

1) Internal weathering classification. A: strong, B: good, C: moderate

The information is believed to be accurate. However, we make no representation or warranty, express, or implied, concerning to the accuracy or sufficiency of this information. We are not liable for any damages resulting from the use of this information.