

## Product Information SACHTLEBEN RD3



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SACHTLEBEN RD3 is alumina-zirconia surface treated rutile titanium dioxide pigment. It combines outstanding outdoor durability with excellent optical properties, i.e. high brightness and tint reducing power, opacity, excellent gloss and gloss retention on overbaking and very easy dispersibility.

SACHTLEBEN RD3 is particularly recommended for high quality solvent and water-borne decorative paints and industrial coatings such as car refinishes and electrodeposition paints. SACHTLEBEN RD3 is suitable also for packaging inks, can coatings and plastics especially for exterior rigid PVC applications.

### Classification

- ▶ ISO 591, DIN 55912 R2
- ▶ CAS no. (TiO<sub>2</sub>) 13463-67-7
- ▶ ASTM D476 II, IV
- ▶ EINECS no. (TiO<sub>2</sub>) 2366755
- ▶ Colour Index 77891
- ▶ Components listed in TSCA, EINECS
- ▶ Pigment White 6

### Typical properties

Refractive index		2.7
Relative tint reducing power		1900
Oil absorption [g/100 g pigment]		22
TiO <sub>2</sub> content [%]	min	93
Surface treatment		Al <sub>2</sub> O <sub>3</sub> -ZrO <sub>2</sub> , organic
pH		7-8
Moisture when packed [%]	max	0.5
Sieve residue (325 mesh) [%]	max	0.01
Crystal size (mean) [nm]	approx.	220
Specific gravity [g/cm <sup>3</sup> ]		4.0
Bulk density [kg/m <sup>3</sup> ]		800
Bulk density (tamped) [kg/m <sup>3</sup> ]		1000

### Safety Precautions

Please see the Material Safety Data Sheet before handling the material.

The manufacture of Sachtleben products is within the scope of the ISO 9001 certified Quality Management System. The Pori plant also has an ISO 14001 certified Environmental Management System.

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SACHTLEBEN

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