

Product Information

SACHTLEBEN RDI-S



SACHTLEBEN RDI-S is alumina surface treated rutile titanium dioxide pigment. It shows good outdoor durability and excellent high gloss. High gloss, tint reducing power and opacity as well as low abrasion result from very easy dispersibility and fine particle size control. In all development work where highest achievable gloss is desired RDI-S is recommended to be used as a first hand choice.

SACHTLEBEN RDI-S is recommended as a premium pigment for a variety of high quality printing inks covering surface printing, lamination and reverse printing. RDI-S has also a strong established position both in solvent and water-borne industrial and decorative coatings.

Classification

- ▶ ISO 591, DIN 55912 R2
- ▶ CAS no. (TiO₂) 13463-67-7
- ▶ ASTM D476 II
- ▶ EINECS no. (TiO₂) 2366755
- ▶ Colour Index 77891
- ▶ Components listed in TSCA, EINECS
- ▶ Pigment White 6

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 the ISO 14001 certified Environmental Management System.

Typical properties

Refractive index		2.7
Relative tint reducing power		1900
Oil absorption [g/100 g pigment]		21
TiO ₂ content [%]		95.0
Surface treatment		Al ₂ O ₃ , organic
pH	approx.	7.0
Moisture when packed [%]	max	0.5
Crystal size (mean) [nm]	approx.	220
Specific gravity [g/cm ³]		4.0
Bulk density [g/cm ³]		800
Bulk density (tamped) [kg/m ³]		1000

Great Solutions with Small Particles



SACHTLEBEN

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