PRODUCT DATA SHEET KEMIRA RDI-S

KEMIRA 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.

KEMIRA 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.

TYPICAL PROPERTIES		
Refractive index		2.7
Relative tint reducing power		1900
Oil absorption, g/100 g pigment		21
TiO_2 content, %	min	94
Surface treatment		Al_2O_3, organic
pH		7-8
Moisture when packed, %	max	0.5
Sieve residue (325 mesh), %	max	0.01
Crystal size (mean), nm	ca.	220
Specific gravity, g/cm^3		4.0
Bulk density, kg/m^3		800
Bulk density (tamped), kg/m^3		1000

CLASSIFICATION

ISO 591, DIN 55912 R2	CAS no. (TiO_2) 13463-67-7
ASTM D476 II	EINECS no. (TiO_2) 2366755
Colour Index 77891	Components listed in TSCA, EINECS
Pigment White 6	

The manufacture of KEMIRA 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.

SAFETY PRECAUTIONS

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

Warranty. This information herein is offered as a guide and is believed to be accurate and reliable as of the date of the printing. The values given are not to be considered as a warranty and they are subject to change without prior notice. For additional information regarding our products or for information concerning current specifications, please contact our Technical Service. 10/2000

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