

KEMIRA

PRODUCT DATA SHEET

KEMIRA 650

KEMIRA 650 is alumina-silica surface treated rutile titanium dioxide pigment. It shows high outdoor durability, excellent dispersibility and optical properties. KEMIRA 650's very fast and easy wetting and dispersibility characteristics make it an ideal multipurpose grade for paint production by a high speed dissolver alone or by a combination of HSD and a bead mill.

KEMIRA 650 is recommended as a multipurpose pigment for various interior and exterior coatings. It is particularly recommended for solvent and water-borne decorative paints, industrial coatings such as maintenance and marine paints. It can also be used both in interior and exterior PVC plastics.

TYPICAL PROPERTIES

Refractive index		2.7
Relative tint reducing power		1850
Oil absorption, g/100 g pigment		22
TiO ₂ content, %	min	94
Surface treatment		Al ₂ O ₃ -SiO ₂ , 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, IV	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

