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SPECIFICATION TITANIUM DIOXIDE PIGMENT R-996

PRODUCT DESCRIPTION

R-996 is a zirconia and alumina treated rutile TiO₂ pigment from the sulfate process. It is a general purpose pigment that is recommended mainly for architectural, industrial and powder coatings.

APPLICATIONS AND PROPERTIES

R-996 is mainly used in architectural paints for indoor & outdoor use. Industrial paints and powder coatings also pose a large application. The degree of gloss that can be reached with this pigment depends mainly upon the effort utilized in dispersing it. When dispersed sufficiently, it will also provide durability to the systems.

TECHNICAL DATA

Parameter	Value	Test method
Crystal Structure	Rutile	XRD*
ISO 591 Classification	R2	--
ASTM D476 Classification	III	--
Chemical Abstracts Number (CAS)	13463 -67-7	--
pH Value	6.5~8.0	ISO 787-9
TiO ₂ Content (%)	94.0- 95.5	ISO 591-1
Density (g/cm ³)	4.1	ISO 787-10
Average Particle Size (µm)	0.23	SEM**
Surface Treatment	ZrO ₂ ; Al ₂ O ₃ ; organic	--

* X-ray diffraction spectroscopy

**Scanning electron microscopic image evaluation, typical value

SAFETY & HEALTH INSTRUCTIONS

R-996 is not a hazardous substance according to international standards.
A Material Safety Data Sheet will be provided upon request.

PACKAGING & TRANSPORTATION

25 Kg, 500 Kg and 1000 Kg, seaworthy and suitable for container transportation.

DISCLAIMER

The information in this publication is, to the best of our knowledge, true.
However, since the



PRODUCTS



FACEBOOK



LINE ID

QC / PA10-01-S0

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