

# LOMON® R-996

LOMON® R-996 pigment is a zirconia and alumina treated rutile titanium dioxide pigment produced by the sulfate process. It is a highly durable, versatile pigment suitable for a wide range of applications.

Careful control of the TiO<sub>2</sub> particle size during the manufacturing process of LOMON® R-996 pigment results in good gloss performance, good brightness, high opacity and easy dispersibility.

Recommended applications:

- Industrial coatings
- Powder coatings
- External & internal architectural coatings

Key features:

- High durability
- High opacity
- Good gloss and brightness
- Good dispersibility

TYPICAL PROPERTIES		
PARAMETER	VALUE	TEST METHOD
Crystal structure	Rutile	XRD*
ISO 591 classification	R2	--
ASTM D476 classification	III	--
Chemical abstracts number (CAS)	13463-67-7	--
pH	6.5 - 8.0	ISO 787-9
TiO <sub>2</sub> content	94.0 - 95.5%	ISO 591-1
Density	4.1g/cm <sup>3</sup>	ISO 787-10
Average particle size	0.23µm	SEM**
Surface treatment	Zirconia; Alumina; organic	--

\* X-ray diffraction

\*\*Scanning electron microscopic image evaluation, typical value

[www.lomonbillions.com](http://www.lomonbillions.com)

### Safety

Good industrial hygiene practice should be used to avoid the generation of dust. Please refer to the Material Safety Data Sheet for more information on the handling of this product.

### Storage

This product should not be stored outside or exposed to weather. All direct contact with moisture should be avoided. To ensure optimum performance, it is recommended that the product is used on a first in, first out basis from receipt of shipment.

### Food Contact

Customers should seek confirmation of compliance with specific regulations by contacting Lomon Billions.

### Packaging

Lomon Billions titanium dioxide pigments are available in 25kg compound paper bags and a range of flexible intermediate bulk containers.



The data included in the typical properties is not a specification. The information in this data sheet is a general guide to the properties of the product described in it. Nothing in this data sheet is to be construed as a warranty, express or otherwise. In all cases, it is the responsibility of the user to determine the applicability of the information and recommendations and the suitability of the products described for its own particular purpose.