

BILLIONS® BLR-688

BILLIONS® BLR-688 pigment is a rutile titanium dioxide pigment, produced using the sulfate process.

It is designed for use in plastics and is especially suitable for exterior plastics, including profile and pipe applications.

Recommended applications:

- Interior and exterior profile and pipe
- Weatherable polyolefin film
- Engineering plastics

Key features:

- High opacity
- Good weatherability
- Excellent processing properties

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TYPICAL PROPERTIES

TiO ₂ content	≥ 92.0%
Rutile crystal content	≥ 99.0%
Surface treatment	Alumina, Silica
Volatile constituents at 105°C	≤ 0.5%
Oil absorption	≤ 21.0g/100g
CIE L*	≥ 97.5
CIE b*	≤ 1.3
Tintorial power	≥ 1900
Specific gravity	4.1g/cm ³
ISO 591 classification	R2
C.A.S. No.	13463-67-7
Color index	Pigment White 6 (77891)

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.



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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.