

BILLIONS™ BLR-883 TiO2 TDS

BILLIONS™ BLR-883 TiO2 is a rutile titanium dioxide pigment manufactured by the chloride process. It is specifically designed for use in high temperature applications such as engineering plastics and durable films. Its special surface treatment provides excellent yellowing resistance, and degradation resistance in polyester systems. It is a bright white pigment that disperses well, has good tinting strength, opacity and weatherability.

Recommend Applications

- Polycarbonates
- Engineering plastics
- Weather-resistant plastic films such as PVC films, agricultural films, polyolefin films
- Footwear

Key Features

- Excellent yellowing resistance and degradation resistance in polyester systems
- Good dispersion
- Bright white color
- Good tinting strength and opacity
- Suitable for high temperature applications and good resistance to weathering

Typical Properties

Parameter	Value	Test method
TiO2 content	94%	XRF
Inorganic coating	Alumina, Silica	/
Organic treatment	Present	/
Moisture when packed	0.4% max	ISO 787-2
Bulk density (tamped)	1.0g/cm ³	ISO 787-11
Oil absorption	16g/100g	ISO 787-5
Specific gravity	4.1g/cm ³	ISO 787-10
ISO 591 classification	R2	/
Color index	Pigment White 6	/

Safety

Good industrial hygiene practice should be used generation of dust should be avoided. Please refer to the Safety Data Sheet for more information about how this product should be handled.

Food Contact

Customers should seek confirmation of compliance with specific regulations by contacting LB Group.

Chemate Technology Co.,Ltd

Add: NO.80 PUHUI ROAD,ZHENGZHOU CITY, HENAN PROVINCE, CHINA

URL: <https://www.chemategroup.com/lomon-titanium-dioxide/>

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Storage

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

Packaging

LB Group titanium dioxide pigments are available in 25kg bags and a range of flexible intermediate bulk containers.

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