

BILLIONS™ BLR-896

NEW SUPERDURABLE TITANIUM DIOXIDE PIGMENT MANUFACTURED BY THE CHLORIDE PROCESS

BILLIONS™ BLR-896 titanium dioxide pigment is manufactured by the chloride process. It is specifically designed for industrial coatings but also performs well in architectural coatings. With its optimized alumina and silica coating, it is designed to provide superior durability for the most demanding exterior applications, whilst also delivering excellent optical and dispersion performance for superb visual appearance and formulation efficiency. The high weatherability of this pigment also makes it suitable for durable plastics applications.

RECOMMENDED APPLICATIONS

- Industrial coatings, water and solvent based
- Exterior coil coatings
- Protective & marine coatings
- Automotive OEM and refinish coatings
- Exterior powder coatings
- Exterior architectural coatings
- Durable plastics applications including PVC profile and pipe

TYPICAL PROPERTIES

PARAMETER	VALUE	TEST METHOD
TiO ₂ content	91.5%	XRF
Inorganic coating	Alumina; Silica	-
Organic treatment	Present	-
Moisture when packed*	0.5% max	ISO 787-2
Bulk density (tamped)	1.2g/cm ³	ISO 787-11
Oil absorption	19g/100g	ISO 787-5
pH	8.0	ISO 787-9
Specific gravity	4.1g/cm ³	ISO 787-10
ISO 591 classification	R2	-
CAS number	13463-67-7	-
Color index	Pigment White 6	-

*Measured within 48 hours of production

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.

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.

CONTACT

GLOBAL SALES HQ
Tel +86 21 66288086

CHINA
china-sales@lomonbillions.com

ASIA-PACIFIC
asia-pacific-sales@lomonbillions.com

MEA AND LATIN AMERICA
mea-latinamerica-sales@lomonbillions.com

EUROPE AND NORTH AMERICA
sales@lomonbillions.global

GLOBAL INKS BUSINESS
sales@lomonbillions.global

The data included in the typical properties is not a specification. The values provided are based on data obtained during the development process and may change over time, as more data becomes available. 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. BILLIONS™ and any associated logos are trademarks or copyrights of LB Group Co., Ltd. The LB Group logo is a trademark of LB Group., Ltd.

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