

BILLIONS® BLR-852

PAPER GRADE TITANIUM
DIOXIDE PIGMENT
MANUFACTURED BY THE
CHLORIDE PROCESS

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BILLIONS® BLR-852 pigment is an alumina and phosphate treated rutile titanium dioxide pigment produced by the chloride process. It is specifically designed for decorative paper laminates and is suitable for a range of paper-making applications.

BILLIONS® BLR-852 provides excellent opacity and brightness, and offers high lightfastness and excellent retention properties.

RECOMMENDED APPLICATIONS

- Decorative paper laminates
- Printing inks for paper laminates
- Decorative foils

KEY FEATURES

- Excellent retention in paper pulp
- High lightfastness
- Outstanding optical properties

TYPICAL PROPERTIES

PARAMETER	VALUE	TEST METHOD
TiO ₂ content	89%	XRF
Inorganic coating	Alumina; Phosphate	-
Organic treatment	Not present	-
Bulk density (tamped)	0.9g/cm ³	ISO 787-11
pH	7.5	ISO 787-9
Specific gravity	3.8g/cm ³	ISO-787-10
ISO 591 classification	R3	-
CAS number	13463-67-7	-
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.

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.

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 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 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.