

BILLIONS™ LR-952

BILLIONS™ LR-952 pigment is an alumina and phosphate treated rutile titanium dioxide pigment made by the sulphate process. It is specially designed and surface treated for use in the manufacture of decorative paper laminates that are commonly used in the production of wall panels and furniture. In paper making, it shows a high retention in the pulp. Its inorganic surface treatment is optimized for high light fastness in these applications so that the papers are resistant to color change.

BILLIONS™ LR-952 pigment is also effectively used for the pigmentation of rigid PVC and other plastics for outdoor use.

RECOMMENDED APPLICATIONS

- Printed decorative paper laminates
- Rigid PVC and durable plastics

KEY FEATURES

- High retention in paper pulp
- Optimized inorganic surface treatment for high light fastness

TYPICAL PROPERTIES

PARAMETER	VALUE	TEST METHOD
TiO ₂ content	89%	XRF
Inorganic coating	Alumina; Phosphate	-
Organic treatment	Not present	-
Bulk density (tamped)	0.87g/cm ³	ISO 787-11
pH	7.0	ISO 787-9
Specific gravity	4.0 g/cm ³	ISO 787-10
ISO 591 classification	R3	-
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.

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 LB Group.

Packaging

LB Group 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 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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