

# BILLIONS™ TR53

BILLIONS™ TR53 pigment is a new titanium dioxide pigment specifically designed by LB Group for use in reverse laminated printing inks. It is a rutile TiO<sub>2</sub> pigment produced by the sulfate process.

Its specially selected alumina-silica surface treatment has been optimized to deliver excellent dispersion and high opacity in relevant resin systems.

## RECOMMENDED APPLICATIONS

- Reverse printing inks
- Printing inks for paper laminates
- Matt paint

## KEY FEATURES

- High opacity
- Excellent dispersion
- Low abrasivity

## TYPICAL PROPERTIES

PARAMETER	VALUE	TEST METHOD
TiO <sub>2</sub> content	87%	XRF
Inorganic coating	Alumina; Silica	-
Organic treatment	Present	-
Moisture when packed*	0.9% max	ISO 787-2
Bulk density (tamped)	1.2g/cm <sup>3</sup>	ISO 787-11
Oil absorption	22g/100g	ISO 787-5
pH	8.0	ISO 787-9
Specific gravity	3.9g/cm <sup>3</sup>	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.

### 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.

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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