

BILLIONS™ TR52

TITANIUM DIOXIDE PIGMENTS FOR INKS - MANUFACTURED BY THE SULFATE PROCESS

BILLIONS™ TR52 pigment is a rutile titanium dioxide pigment produced by the sulfate process, and is specifically designed for the printing ink industry.

BILLIONS™ TR52 pigment is suitable for a range of printing ink applications and provides exceptional performance across a wide spectrum of properties. Its very high gloss and opacity, combined with excellent dispersion make it an ideal choice for use in printing ink applications. These performance benefits also make it highly suitable for can coatings applications.

TYPICAL PROPERTIES

| PARAMETER | VALUE | TEST METHOD |
|--------------------------|----------------------|-------------|
| TiO ₂ content | 95% | XRF |
| Inorganic coating | Alumina | - |
| Organic treatment | Present | - |
| Moisture when packed* | 0.3% max | ISO 787-2 |
| Bulk density (tamped) | 1.3g/cm ³ | ISO 787-11 |
| Oil absorption | 14g/100g | ISO 787-5 |
| pH | 7.0 | ISO 787-9 |
| Specific gravity | 4.1g/cm ³ | ISO 787-10 |
| ISO 591-1 classification | R2 | - |
| CAS number | 13463-67-7 | - |
| Color index | Pigment White 6 | - |

*Measured within 48 hours of production

RECOMMENDED APPLICATIONS

- Printing inks
- Can coatings

KEY FEATURES

- Very high gloss
- High opacity
- Excellent dispersion
- Low abrasivity

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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