

# BILLIONS® BLR-699

BILLIONS® BLR-699 pigment is a rutile titanium dioxide pigment, produced by the sulfate process, and designed to be suitable across a range of coatings and printing ink applications.

BILLIONS® BLR-699 pigment has excellent all-round optical performance and is quickly dispersed in both water and solvent-based formulations. Its zirconia and alumina surface treatment provides it with excellent weathering performance, meaning that it has the flexibility of being suitable for both exterior and interior applications.

## RECOMMENDED APPLICATIONS

- Interior architectural coatings
- Exterior architectural coatings
- Industrial coatings
- Printing inks

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## TYPICAL PROPERTIES

| PARAMETER                | VALUE                | TEST METHOD |
|--------------------------|----------------------|-------------|
| TiO <sub>2</sub> content | 94%                  | XRF         |
| Inorganic coating        | Alumina; Zirconia    | -           |
| Organic treatment        | Present              | -           |
| Moisture when packed*    | 0.5% max             | ISO 787-2   |
| Bulk density (tamped)    | 1.1g/cm <sup>3</sup> | ISO 787-11  |
| Oil absorption           | 17g/100g             | ISO 787-5   |
| pH                       | 7.9                  | ISO 787-9   |
| Specific gravity         | 4.1g/cm <sup>3</sup> | 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.

### 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 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.