LOMON® LR-108

LOMON® LR-108 pigment is an alumina treated rutile titanium dioxide pigment made by the sulfate process. It is specially designed for masterbatch and compounding applications.

LOMON®LR-108 pigment disperses easily in polyolefins, with minimal effect on melt flow index, so that even masterbatch with high TiO_2 concentration can produce film with high opacity and whiteness.

LOMON®LR-108 pigment is recommended for plastics applications that require high thermal stability. It is designed with a hydrophobic surface that acts as a barrier to help prevent the pigment from absorbing moisture from the air.

RECOMMENDED APPLICATIONS

- Masterbatch & compounds
- Polyolefin & PVC film
- Plastics with high thermal stability

KEY FEATURES

- High heat stability
- High opacity and whiteness
- Low moisture absorption
- Low oil absorption
- Low reactivity with antioxidants
- Excellent compatibility with plastic resins
- Rapid and complete dispersion

TYPICAL PROPERTIES

PARAMETER	VALUE	TEST METHOD
TiO_2 content	98%	XRF
Inorganic coating	Alumina	-
Organic treatment	Present	-
Moisture when packed*	0.4% max	ISO 787-2
Bulk density (tamped)	1.1g/cm^3	ISO 787-11
Oil absorption	15g/100g	ISO 787-5
Specific gravity	4.1g/cm^3	ISO 787-10
ISO 591 classification	R1	-
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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Lomon Billions

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