

LR-108 Technical Data Sheet

Product Characteristics

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. LR-108 pigment disperses easily in polyolefins, with minimal effect on melt flow index, so that even masterbatch with high TiO₂ concentration can produce film with high opacity and whiteness. 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.

Applications

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

Specifications & Properties

➤ Crystal structure:	Rutile
➤ TiO ₂ content:	98%
➤ Inorganic coating:	Alumina
➤ Moisture when packed:	0.4% max
➤ Bulk density (tamped):	1.1g/cm ³
➤ Oil absorption:	15g/100g
➤ Specific gravity:	4.1g/cm ³
➤ CAS No.:	13463-67-7
➤ Color index:	Pigment White 6

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Packaging

Lomon Billions titanium dioxide pigments are available in 25kg bags and a range of flexible intermediate bulk containers.

Product 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.

Safety Precautions

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.



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