



LOMON® LR-108

Titanium Dioxide Pigment

PRODUCT DESCRIPTION

LOMON® LR-108 is Zirconia and Alumina treated rutile titanium dioxide pigment.

APPLICATIONS

LOMON® LR-108 is specially designed and surface-treated for applications in plastic & master batch industries, with following outstanding performance:

- Low moisture absorption, low oil absorption, low reaction activity with antioxidant, excellent compatibility with plastic resin, and high dispersion in plastic processing;
- Excellent melting and fluidity in high PVC master batch
- High opacity and whiteness in plastic film

It is recommended for application in poly-alkene master batch with perfect thermal stability. It is also recommended for application in industrial plastics.

TECHNICAL DATASHEET

TYPE	R-996
Crystal Form	Rutile
Classification ISO591, DIN55912	R2
ASTM D476	II
CAS No.	13463-67-7
TiO ₂ Content(%) min	97
Moisture (%)max	0.4
Oil Absorption (g/100g) max	16
Density(g/cm ³)	4.1
Surface Treatment	Alumina, Organic

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- In every case caution must be exercised to avoid violation or infringement of statutory obligations and any rights belonging to a third party.
- We are, at all times, willing to study customer specific outlets involving our products in order to enable their most effective use.



LR-108 SANITARY INDEX

Item	Typical	National Standard	Remark
Evaporation Residue	<7	Dipping in 4% acetic acid ≤30mg/L	GB/T5009.60-2003
	<2	Dipping in 65% ethanol ≤30mg/L	
	<8	Dipping in hexane ≤30mg/L	
Heavy Metal	<1	Dipping in 4% acetic acid ≤1mg/L	
Potassium Permanganate Wastage	<1	Dipping in water ≤10mg/L	GB/T5009.61-2003

LR-108 APPLICATION GUIDE

APPLICATION	OUTSTANDING PROPERTIES
Master Batch	High dispersion, stable and even color, and high filling coefficient
Polythene	High dispersion, whiteness and opacity, excellent tinting power, low activity with anti-oxidant
PVC Plastics	High opacity, durability and good dispersion
ABS	High durability, dispersion and whiteness
PP	High dispersion, whiteness and opacity
PS	High dispersion, stable and even color, low depogmentation
Engineering Plastics	Low moisture absorption, high dispersion

SAFETY & HEALTH INSTRUCTION

All Lomon TiO₂ products including R996 are not hazardous article according to international standard. Material Safety Data Sheet will be provided.

PACKING & TRANSPORTION

25KG, 500KG and 1000KG, seaworthy and suitable for container transportation



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Customer Support

According to our world map guidance you can find the information of our region sales managers, please do not hesitate to contact us if you have any questions.

