

# LOMON® LR-108

## Titanium Dioxide Pigment

### PRODUCT DESCRIPTION

LOMON® LR-108 is Alumina treated rutile titanium dioxide pigment for master-batch and plastic industries.

### 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 resins, 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 polyethylene master-batch with perfect thermal stability. It is also recommended for application in industrial plastics.

### TECHNICAL DATA SHEET

|                                 |            |
|---------------------------------|------------|
| TYPE                            | LR-108     |
| Crystal Form                    | Rutile     |
| Classification ISO591, DIN55912 | R2         |
| ASTM D476                       | II         |
| CAS No.                         | 13463-67-7 |
| TiO <sub>2</sub> Content(%)     | 97.0       |
| Density(g/cm <sup>3</sup> )     | 4.1        |
| Oil Absorption (g/100g)         | 16         |
| Average Particle Size(μm)       | 0.23       |
| Surface Treatment               | Aluminum   |

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In every case caution must be exercised to avoid violation or infringement of regulatory requirements or and any rights belonging to a third party.

We are, at all times, willing to study customer specific application involving our products in order to enable their most effective use.

### **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 depigmentation                                      |
| Engineering Plastics | Low moisture absorption, high dispersion  |

### **SAFETY & HEALTH INSTRUCTION**

All Lomon TiO<sub>2</sub> products including LR108 are not hazardous article according to international standard. Material Safety Data Sheet will be provided.

### **PACKING & TRANSPORTION**

25Kg, 500Kg and1000Kg, seaworthy and suitable for container transportation

**SICHUAN LOMON TITANIUM INDUSTRY CO., LTD**  
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