

HALDEN® TI-007



HALDEN® TI-007 pigment is a zirconia and alumina treated rutile titanium dioxide pigment produced by the sulfate process. It is a highly durable, versatile pigment suitable for a wide range of applications. Careful control of the TiO₂ particle size during the manufacturing process of the pigment that results in good brightness, high opacity and easy dispersibility.

RECOMMENDED APPLICATIONS

- Industrial coatings
- Powder coatings
- External & internal architectural coatings

KEY FEATURES

- High durability
- High opacity
- Good brightness
- Good dispersibility

TYPICAL PROPERTIES

| PARAMETER | VALUE | TEST METHOD |
|--------------------------|-----------------------|-------------|
| TiO ₂ content | 95% | XRF |
| Inorganic coating | Alumina; Zirconia | - |
| Organic treatment | Present | - |
| Moisture when packed* | 0.5% max | ISO 787-2 |
| Bulk density (tamped) | 1.2g/cm ³ | ISO 787-11 |
| Oil absorption | 18g/100g | ISO 787-5 |
| pH | 7.0 | ISO 787-9 |
| Specific gravity | 4.1 g/cm ³ | 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.

Food Contact

Customers should seek confirmation of compliance with specific regulations by contacting LB Group.

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.

Packaging

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

CLARIQUIMICA COMÉRCIO DE PRODUTOS QUÍMICOS LTDA

Sede Administrativa (Matriz): Rua Joaquim Floriano, 101 cj. 501 - CEP 4534-010 - São Paulo - SP - Tel.: 11 3073-1269
Depósito (Filial): Rua Manoel Vitorino, 353 - CEP 07232-110 - Guarulhos - SP - Tel.: 55 11 2412-0810

www.clariquimica.com