

# RUTILE TITANIUM DIOXIDE

## Chloride Grade CR718

### Product Data Sheet

#### Description:

Introducing CR718, the superior choice in high-performance TiO<sub>2</sub> pigments. This advanced Zuger Chemie TiO<sub>2</sub> pigment is manufactured using a chloride process and is surface treated with zirconium, aluminum, and organic materials. This ensures superior dispersion performance, excellent opacity, and brilliant whiteness that enhances the gloss level of any application. CR718 provides excellent weather fastness resistance, making it the best choice for superior quality and performance.

#### Key Features:

- Disperses faster than traditional sulphate processed
- Less energy used in production with lower production costs
- Outstanding hiding power and tinting strength
- Excellent outdoor durability

#### Applications:

- Architectural paints indoor and outdoor use
- Silicone and silicate paints
- Colorants
- Rubber
- Plastics

#### Typical properties:

- |  |                          |
|--|--------------------------|
| • TiO <sub>2</sub> Content (DIN EN ISO 591): | ≥ 93.5%                  |
| • Rutile content                             | ≥ 99%                    |
| • Surface treatment:                         | Alumina, Zirconia        |
| • Tinting strength:                          | ≥ 105%                   |
| • Oil absorption:                            | ≤ 20                     |
| • Brightness                                 | ≥ 97%                    |
| • Residue on sieve (45 µm)                   | ≤ 0,02%                  |
| • REACH Registration No.                     | 01 – 2119489379 – 17-xxx |
| • CAS  | 1346367-7                |

#### Packing:

- 25 Kg paper-plastic composite bag

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