

Technical Data Sheet**TDS****General Description**

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|---------------|-------------------------------------|
| Product Name | Titanium Dioxide R809 |
| Treatment | Alumina zirconia, organic compounds |
| Delivery Form | Powder |
| Color Index | Pigment white 6 |
| CAS | 13463-67-7, 1317-80-2, 1317-70-0 |
| EINECS NO. | 236-675-5 |

Physical and Chemical properties

| Test Items | Specification | |
|---------------------------------------|---------------|-----------|
| Appearance | White powder | |
| Content of TiO ₂ , % (m/m) | 93 min. | |
| Content of Rutile, % | 99 min. | |
| Volatile at 105°C, % (m/m) | 0.5 max. | |
| Mesh Residue (45µm), % (m/m) | 0.05 max. | |
| Color (compared with standard sample) | ΔE | -0.3 min. |
| | ΔS | 0.5 max. |
| Tinting Strength, % | 100 min. | |
| PH Value | 6.5-8.0 | |
| Oil Absorption, g/100g | 20 max. | |
| Specific Gravity, g/cm ³ | 4.1 | |

Application

Letterpress ink, gravure ink, polyamide ink, flexographic ink, printing ink, packaging ink, water based ink, solvent based ink, coating required high weather resistance, paper making, plastic, furniture plastic, PVC pipeline, thermoplastic plastic, thermosetting plastic.

Package

25kg bag with pallets, 500kg or 1000kg big bag.

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