

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

|               |                                  |
|---------------|----------------------------------|
| Product Name  | Titanium Dioxide R810            |
| Treatment     | Zirconia alumina                 |
| 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 <sub>2</sub> , % (m/m) | 94 min.       |           |
| Content of Rutile, %                  | 98.5 min.     |           |
| Volatile at 105°C, % (m/m)            | 0.5 max.      |           |
| Mesh Residue (45µm), % (m/m)          | 0.01 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                | 21 max.       |           |
| Specific Gravity, g/cm <sup>3</sup>   | 4.1           |           |

**Application**

Interior and exterior coatings, automotive OEM and refinishing coatings, powder coatings, marine protection coatings, coil coatings, plastics, profiles, master batches, printing inks, road marking paint, paper

**Package**

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

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