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TECHNICAL DATA SHEET

Titanium Dioxide Rutile SHR-288

1. Description:

SHR-288 is an alumina/zirconium modified rutile,multipurpose TiO2 pigment produced by sulfate process. It has preciously process control,good particle size and narrow size distribution ,which offer it good whiteness,easily disperse,low oil absorption,high tinting strength.

2. Technical Specification

Item	Value
Rutile content (%)	≥98.0
TiO2 content (%)	≥94.0
Whiteness compared to ST.sample	Similar
Whiteness(%)	≥95.0
A value	-0.46
B value	2.6
TCS(Reynolds numbers)	≥1900
SCX(carbon black undertone)	≥3.5
Oil Absorption (g/100g)	≤20
Volatile 105°C (%)	≤0.3
Resistivity (Ω·M)	≥50
PH Value	6.5-8.5
Residue,%（45μm screen）	≤0.01
Oil Dispersibility(Hegman’s number)	≥6.5
High Speed Dispersion	≤30
Treatment	Al2O3.Zr2O3.Organic

3. Application:

Widely used for coating(paint),printing ink,paper,plastic,leather,etc.