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Certificate of Analysis

Product Name/Grade:

Rutile Titanium Dioxide Sulfate R-248- Plastic Industry

Product Specifications/Analysis

Index Item	Standard	Typical Value
TiO ₂ Content, % \geq	95.0	96.5
Content of rutile, % \geq	96.0	97.0
Brightness, % \geq	94.2	94.9
L (dry powder)	--	97.3
b (dry powder)	--	2.9
Reducing power (Rcynolds number)	1850	1870
Dispersibility (Hegman) \geq	5.75	6.50
Oil absorption, g/100g	19	15
Slurry pH	6.0~9.0	7.5
Electric resistivity, $\Omega \cdot m$ \geq	60	120
Volatile at 105°C, % \leq	0.8	0.2
Sieve residue (45 μm), % \leq	0.02	0.01
Average partical size(nm) SEM	--	230
Inorganic treatment	ZrO ₂ , Al ₂ O ₃	--
Organic treatment	Yes	--

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