

Technical Data Sheet

Version: 1.0

Titanium Dioxide AT-50

Description	AT-50 is a pure, hydrophilic Titanium Dioxide. It offers high specific surface area specifically. Due to special ratio of rutile and anatase, it is suitable for catalyst, especially photo-catalyst, and UV filter.
Applications	It is recommended for evaluation in: <ul style="list-style-type: none"> ● Lithium battery cathode material ● Silicone rubber ● Photocatalyst providing self-cleaning properties in inorganic compositions ● Specialty applications
Typical Properties	<p style="text-align: center;">Appearance: White fluffy powder TiO₂ content %: ≥99.5% Specific surface area: 50 ± 15m²/g Loss on Drying: ≤ 1.5% Tamped density: Approx 120g/L pH(4% Solution): 3.5~4.5 Metal impurity: ≤ 100ppm</p>
Classifications	EINECS number: 236-675-5 CAS number: 13463-67-7
Recommended addition volume	Calculated on total formulation: 0.5~10%
Countertype	Product code: P25
Storage	Keep the product un-stacked in dry and closed rooms at normal temperature and air humidity. To achieve best possible results, we recommend storage under the condition stated above and use within 12 months from delivery.
* Typical Properties not to be construed as specifications	

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