



# PANGANG TITANIUM

## A-181 anatase titanium dioxide

A181 is a high quality fiber titanium dioxide pigment, the product has high dispersibility in water and ethylene Alcohol, the particle size distribution is quite narrow. It has low Fe content and is very soft. This product has a high whiteness, high achromatic Strength, heat resistance, strong brightness, short grinding time.

### Applications

Polyester Staple Fiber,  
Masterbatches

### Product Characteristics

TiO <sub>2</sub> content %	≥ 98.0
HUE L	≥ 97
A	≤ 1
B	≤ 0.6
Reynolds number	≥ 1500
PH value	6.5 - 7.5
Oil absorption	≤ 20
Volatile at 105 ° C	≤ 0.5
Whiteness	≥ 96
Residue on sieve (45 um)	≤ 0.01
Water soluble stance content%	≤ 0.5
Water dispersion	≥ 97
Specific resistance Om	≥ 80
Fe <sub>2</sub> O <sub>2</sub> %	≤ 0.001
Intrinsic Viscosity	0.645 ± 0.013
Softening Point ( ° C )	262.5 ± 1.2
Free carboxyl (mol/L)	≤ 33
L	65 ± 4
B	64.5 ± 2
Condensation Particle (≥5um)	≤ 5

*All information is based on data obtained from the manufacturer or recognized technical sources. The information is believed to be accurate. We make no representation or warranty, express, or implied, concerning the accuracy or sufficiency of the information. We are not liable for any damages resulting from the use of the information.*

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