

PANGANG TITANIUM

A-100 anatase titanium dioxide

A100⁺ is a universal multipurpose anatase TiO₂ pigment grade with a wide range of specialist applications from paper to ceramics. This pigment is a commercially pure, dry milled anatase pigment. A100⁺ gives excellent colour and brightness and is of the preferred crystal modification for use in products incorporating optical whitening agents, combining very good optical properties with very high durability, high gloss, easy dispersion, exceptional tinting strength and excellent chalk resistance and gloss retention in interior applications.

Applications

Interior industrial coatings
Interior architectural coatings
Paper
Rubber
Thermoplastic road markings, traffic paints
Ceramic colours
Matt aqueous special inks for printing textiles

Properties

High dispersibility in both waterborn and solventborn system
Good opacity
Bluish undertone
High gloss retention

Product Characteristics

TiO ₂ content %	≥98.5
Brightness %	≥99.5
Volatile at 105 °C	≤0.5
pH	6.5-8.5
Oil absorption	≤23
Residue on sieve (45 um)	≤0.05
Tinting strength%	≥96
Color difference (b*) %	≤0.5
Water soluble stance content%	≤0.5

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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