

AMITEK TITANIUM DIOXIDE RUTILE

HSN CODE: 32061110

CAS: 13463-67-7

ASTM D476: Type III

ISO 591-1: R2

AMITEK TITANIUM DIOXIDE RUTILE produced by the sulphate process, The grade has a high whiteness, warm shade, good weather resistance.

AMITEK TITANIUM DIOXIDE RUTILE is universal pigment widely used in the production of various paints and plastics for interior and exterior use, decorative paper.

Field of application:

- Decorative Papers
- Silicon Paints
- Solvant Paints
- Road Marking Paint
- Water Base Powder Paints
- Plastics
- PVC
- Master Batch
- Printing Ink
- Wood Coating

Packing: paper bags (25 kg), Big Bag containers (500, 1000 kg).

Lodability: 20FCL - 24 to 26MT

Storage & Shelf Life: Titanium dioxide should be stored in a clean, dry space away from exposure to high temperatures, open flames, and strongly aromatic chemicals. Shelf life is one year from date of manufacture.

The manufacture is certified according to ISO 9001:2015 quality management system.

Typical Properties	Test Standard	Standard Requirement	AMITEK Test Result
SURFACE TREATMENT			Si, Al compound
Tio2 Content %	ISO 591-1	Min 90	min 94
Rutile Content %	ASTM D 3720	≥97	min 97
Mass Fraction of Water-Soluble Substances, %	ISO 787-3-79	Max 0.5	max 0.3
Moisture when packed, wt%	ISO 787-2	Max 0.5	max 0.5
Residue on sieve with net 0045 (%)	ISO-787-18	Max 0.05	max 0.03
pH of water suspension	ISO-787-9	6.5 - 8.5	6-8
Tint reducing power, arb. units	ISO-787-17	≥1900	Pass
Opacity, g/m ²	ISO-6504-3	Max 35	23-25
Dispersibility, μm	ISO-8780-4	Max 13	max 13
Oil absorption, g/100 g of the pigment	ISO-787-5	Max 25	18-22
Whiteness, arb. units	ISO-787-1	≥95.8	96.5-97
Brightness, L* (CIELAB)	ISO-787-1	≥94.8	Min 95.6

DISCLAIMER:

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