

R - 18

TITANIUM DIOXIDE - RUTILE



TECHNICAL DATA SHEET

DESCRIPTION

R-18 rutile type titanium dioxide is an excellent general purpose grade with sulfuric acid process. This product integrates the innovation studies on inorganic coating, organic treatment, salt treatment, hydrolysis and product application etc. Its surface treatment with zirconium and aluminum, which enables the product to provide its excellent application performance.

APPLICATIONS

R-18 is a general - purpose titanium dioxide pigment combining good gloss, high hiding power, and excellent dispersion.

Recommended use in:

Interior/exterior coating

Emulsion paint

Powder coating

Ink

Masterbatch

Plastic

Rubber

Paper

TYPICAL PROPERTIES	R - 18
TiO ₂ Content, %	>94%
Rutile Content, %	≥98%
Surface Treatment	Zr ₂ O ₃ , Al ₂ O ₃ , Organic
Particle Size, μm	0.3
Specific gravity, g/cm ³	4.0
Bulk Density, g/cm ³	1.1
Oil Absorption, g/100g	18 - 22
PH Value	6.5 - 8.5
Color CIEL*	≥97.5

SAFETY & HEALTH INSTRUCTIONS

R-18 is not a hazardous substance according to international standards. A Material Safety Data Sheet will be provided upon request.

PACKAGE

25Kg/multi - layer paper - PEbag,

500Kg or 1000Kg/bag

CLASSIFICATION

ISO591 - 1:2000(E)

ASTMD476 - 00

NOTE

Please feel free to contact us to obtain the detailed manual. The product are in accordance with the test report of the product.