

PRODUCT DATA SHEET

17 Aug 2016

Version 2

TioSTAR™ R-802

Product Information:

TioSTAR R-802 is a titanium dioxide white pigment, non-toxic, chemically inactive, surface treated with zirconium and aluminum compounds and modified with organic compounds. The product has good whiteness, gloss, hiding power, good dispersibility and excellent weather resistance.

Titanium Dioxide Type:

ISO591:1-2000 R2: ASTM D-476 II

Applications:

R-802 is designed for applications where there is a requirement of high durability and chalking resistance. R-802 is recommended for coatings, ink and plastic applications.

Technical Specification:

Characteristics	Requirements
TiO ₂ Content, %	≥ 93
Volatile at 105°C, %	≤ 0.5
Water Soluble Objects, %	≤ 0.3
Mesh Residue (45um), %	≤ 0.05
Scattering Power (Compared with Reference Sample), %	≥ 100
Rutile Content, %	≤ 98
Volatile matter at 105°C, %	≤ 1.5
pH Value of Aqueous Suspension	6.5~8.0
Oil Absorption, g/100g	20
Resistivity, Ωm	≥ 60
Density, g/cm ³	≤ 4.0

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Product Standard:

Q/321100ACT 006-2005

Package:

The product is packed with plastic woven bag, palletized and shrink-wrapped. The net weight is 25 kg/bag. If special request, the product can be packed in 500 or 1000 kg jumbo bags.

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