



R-219 (Versatility)

Maximum Opacity, Versatility

R-219 is a TiO₂ pigment designed to deliver high opacity in PVC profiles and pipes, powder coatings, road paints and weather durable plastic products.

Typical Properties

Processing Method	Sulfate
Crystal Structure	Rutile
Surface Treatment	SiO ₂ , Al ₂ O ₃
Organic Treatment	Yes
Classification (ISO 591-1)	R2
Color (ISO 787-25)	$\Delta E \leq 0.5$
Relative Scattering Force (ISO 787-24)	95%-105%
Density (ISO 787-10)	4.0g/cm ³

Key Features

- Excellent dry flowability
- Outstanding resistance to high temperature and yellowing
- Excellent weathering resistance

Technical Data

TiO ₂ % (ISO 591-1)	93%
CIE (L*) (GB/T 1864-2012)	95.4
Reducing Power (TCS)	2000
PH Value (ISO 787-9)	7.2
Oil Absorption (ISO 787-5)	19g/100g
Residue at 45μm (ISO 787-18)	0.01%
Resistivity (ISO 787-14)	100Ω·m
Volatiles at 105°C (ISO 787-2)	0.4%

Health and Safety Precautions (Details in MSDS)

R-219 is a safe, non-toxic and harmless product, complying with relevant international standards.

In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter. Wear suitable gloves to protect hands. Wear dust-resistant safety goggles where there is risk of eye contact. Always observe good personal hygiene measures.

Packaging

R-219 is available in 25-kg bags, 500-kg and 1000-kg containers.

Product Storage

The shelf life of WPA's TiO₂ is 2 years as long as the material is kept in a dry location and not in direct contact with water or moisture. First-in, first-out is highly recommended to guarantee the best performance





上海威鹏化工有限公司
WPA Chemicals LIMITED

of the product.

Address: Room 503, No.43 Building, No.555 Huanqiao Road,
Cambridge Industrial Zone, Pudong Area, Shanghai. P.C.: 201315
Tel: +86 21 38122699
Fax: +86 21 38122699
Email: info@wpatio2.com
www.wpatio2.com

