

R-219

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.

RECOMMENDED APPLICATIONS

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

TYPICAL PROPERTIES

PARAMETER	VALUE	TEST METHOD
Processing Method	Sulfate	-
Crystal Form	Rutile	-
Inorganic Surface Treatment	Silicon and Aluminum Compounds	-
Organic Surface Treatment	Yes	-
Classification (ISO 591-1)	R2	-
Mass Tone (ISO 787-25)	≤0.5	-
Relative Scattering Power (ISO 787-24)	95%-105%	-
Density (ISO 787-10)	6.5~8.5	
TiO ₂ % (ISO 591-1)	93%	
CIE L* (GB/T 1864-2012)	95.4	
Tinting Strength (TCS)	2000	
pH Value (ISO 787-9)	8.5	
Oil Absorption (ISO 787-5)	19g/100g	
Residue on 45um sieve (ISO 787-18)	0.01%	
Resistivity (ISO 787-14)	100Ω.m	
Volatiles at 105°C (ISO 787-2) at packaging	0.4%	

*Measured within 48 hours of production

Safety

Good industrial hygiene practice should be used, generation of dust should be avoided. Please refer to the Safety Data Sheet for more information about how this product should be handled.

Food Contact

Customers should seek confirmation of compliance with specific regulations by contacting LB Group.

Storage

This product should not be stored outside or exposed to temperature extremes or to moisture. To ensure optimum performance, it is recommended that the product is used on a first in, first out basis from receipt of shipment.

Packaging

LB Group titanium dioxide pigments are available in 25kg bags and a range of flexible intermediate bulk containers.



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