

R-219

Technical DataSheet | Supplied by CNNC HUA YUAN Titanium Dioxide

R-219 is rutile titanium dioxide pigment with high versatility and high weathering resistance by CNNC HUA YUAN Titanium Dioxide. It is designed to deliver high opacity in powder coatings and road paints. It undergoes silicone dioxide and aluminum oxide inorganic surface treatment as well as can be processed with the sulfate method. R-219 shows excellent dry flowability and resistance to high temperature and yellowing. The shelf life is 2 years.

Product Type	Titanium dioxide
Chemical Composition	Rutile titanium dioxide
CAS Number	13463-67
Product Status	COMMERCIAL
Applications/ Recommended for	Coatings > Powder Coatings Coatings Markets > Powder coatings Coatings Markets > Transportation > Road marking

R-219 Properties

Property	Value & Unit	Test Condition	Test Method
Titanium Dioxide Content, 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	19 g/100g		
Residue on 45m, ISO 787-18	0.01 %		

**Resistivity of Water
Extaction, ISO 787-14** 100 .m

**Volatile at 105°C, at
packaging, ISO 787-2** 0.4 %

**Relative Scattering Force,
ISO 787-24** 95 - 105 %

Density, ISO 787-10 4.0 g/cm³

Color Information

Test Condition

Test Method

Color Index CI 77891

Color Name PW 6

Color White

Chemical Class Inorganic

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