

DESCRIPTION

Ruichem RC-618 is a rutile titanium dioxide pigment, produced by sulfate process. It has an excellent balance of chalk resistance, hiding power and gloss with outstanding dispersion performance for a broad range of both exterior and interior applications.

KEY FEATURES

- Multi-purpose grade
- High dispersibility
- High tinting power, good hue
- Good durability

APPLICATIONS

Coatings			
Water-based coatings	★	Powder coatings	★
Solvent-based coatings	★	Anticorrosive paints	●
Automotive coatings	--	Wood coatings	★
Coil coatings	●	Can coatings	★
Plastics		Others	
PVC interior	★	Paper—Coated	●
PVC exterior	★	Paper—fillers	●
PE/PP masterbatches	★	Ink—Gravure	●
PS/ABS	●	Ink—Flexo	●
Engineering plastics	●	Ink—Metal deco	★
★ Highly Recommended	● Recommended	-- Not Recommended	

TYPICAL PROPERTIES

TiO ₂ content	:	≥92.5%
Inorganic coating	:	Zr, Al
Organic treatment	:	Yes
Specific gravity, g/cm ³	:	4.1
Average particle size, um	:	0.34~0.38
Oil absorption, g/100g	:	17~21
pH value	:	6.5~8.5
Classification---ISO591-1:2000(E)	:	R2
Color CIE L* (Oil system)	:	≥94.7
Tinctorial power (Reynold's number)	:	≥1880

CONTACT

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NOTE

The above information is provided as guidelines only. It is important that the customer evaluate any product in their own resin system to determine suitability.