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TITANIUM DIOXIDE R-298
RUTILE TITANIUM DIOXIDE PIGMENT

R-298 is a rutile titanium dioxide pigment manufactured using the sulfate process. Controlled particle size and inorganic surface treatment with zirconia (ZrO_2) and alumina (Al_2O_3) provide high whiteness, strong hiding power, good dispersibility, and durability. This grade is suitable for coatings, printing inks, and plastic coloration.

FEATURES	Applications
High whiteness and brightness, strong tinting strength, effective opacity, good dispersibility, and durable pigment performance.	Paints and coatings - Printing inks - Plastic coloration

Typical Properties

Resin Properties	Unit	Typical Value	Test Method
Titanium dioxide content	%	≥ 91	-
Brightness	%	≥ 95	-
Volatile matter at 105°C	% by mass	≤ 0.8	-
pH of aqueous suspension	-	6.0–9.0	-
Oil absorption	g/100 g	≤ 20	-
Residue on 45 μm sieve	%	≤ 0.02	-
Electrical resistivity	Ω·m	≥ 80	-
Dispersion in oil	Hegman	≥ 6.5	-
Tinting strength	Reynolds number	≥ 1920	-
Rutile content	%	≥ 98	-
Whiteness	Compared with standard sample	Not lower than standard	

Packaging

Supplied in paper–plastic composite bags with a net weight of 25 kg per bag.

تلفن - نمابر ۰۲۱ ۷۱۷۶۲
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