

R-298 is a general grade of rutile TiO_2 pigment. It is produced by sulfate process with high quality ilmenite concentrate from Panzhihua & Xichang area. Advanced inorganic coating by aluminum and zirconium, compound organic treatment has been adopted in production. It has the advantages of excellent dispersibility, strong hiding power, good weather resistance, good temperature resistance and high gloss. It has been widely used in carpentry paint, ink, automotive repair paint, industrial paint, architectural coating, plastic profile etc.

RECOMMENDED APPLICATIONS

- Carpentry paint
- Ink
- Automotive repair paint
- Industrial paint
- Architectural coating
- Hard plastic

TYPICAL PROPERTIES

PARAMETER	Standard	Typical Value
TiO_2 content	91%	94.5%
Brightness	$\geq 95.0\%$	95%
Content of rutile	$\geq 98.0\%$	98%
L (dry powder)	-	97.2
b (dry powder)	-	2.55
Reducing power (Reynolds Number)	1920	1930
Volatile at 105 °C	$\leq 0.8\%$	0.3%
Oil absorption g/100g	≤ 20	17
Electric resistivity $\Omega \cdot \text{m}$	≥ 80	130
Sieve residue(45 μm)	$\leq 0.02\%$	0.01%
Average partical size(nm)SEM	-	245
Slurry pH	6.0~9.0	7.3
Inorganic treatment	ZrO_2 , Al_2O_3	-
Dispersibility	≥ 6.50	6.75
Organic treatment	Yes	-

*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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