

RT5027 Dispersant

Overview:

RT5027 is a hydrophobic-modified polyacrylamide salt polymer dispersant that reduces abrasive viscosity, enhances coating storage stability, and improves gloss and leveling properties. It significantly improves water resistance of paint films, making it ideal for high-gloss applications. The dispersant optimizes compatibility between various pigments and resins, effectively enhancing color vibrancy and gloss saturation. It demonstrates exceptional performance with both organic and inorganic pigments.

Reference technical specifications:

Appearance :	Yellowish to brownish-yellow liquid
Solid components:	25-30%
pH:	8.0-11.0

Advantages:

- The special molecular structure can improve the water resistance and gloss of the paint film.
- It has good dispersibility and stability for both inorganic pigments and organic pigments.
- It can effectively improve the color floating and color flower in the process of paint mixing, and enhance the storage stability of color paint.
- VOC-free, APEO-free

Applications:

- Building latex paint,
- Water-based industrial coatings,
- Water-based wood coatings,
- Water-based inks

Recommended dosage:

class	titanium pigment	coarse whiting	organic pigment	inorganic pigment
Amount%	1.0~5.0	0.5~2.0	10.0~30.0	4.0~10.0

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(relative to pigment)

Package and storage:

Store in a dark place, keep unopened and stored at 5°C to 35°C. The product has a shelf life of 12 months from the date of production.

Available in 30kg/bucket and 200kg/bucket sizes, with customized packaging options for customers.

All data, including formulations, are authentic. However, customers must conduct experiments in their own laboratories or equipment for confirmation, and the company cannot make any commitments. Customers must comply with local patent regulations. Suppliers have the right to improve their products, and any modifications to specifications may be made without prior notice.