

RT5040 Dispersant

Overview:

RT5040 is an anionic sodium polycarboxylate dispersant designed for inorganic pigment dispersion. It delivers high dispersion efficiency, stable dispersion performance, and very low viscosity changes in the dispersed material. This versatile product offers excellent cost-effectiveness while demonstrating superior wetting and dispersion capabilities for fillers such as kaolin, calcium carbonate, and talc powder.

Reference technical specifications:

Appearance	Colorless to yellowish transparent liquid
Active content	41±1%
Ionicity	anion
pH	7±1(25°C)

Advantages:

- The addition amount is small and the dispersion efficiency is high.
- It has good dispersion and stability for inorganic pigment and filler.
- The viscosity of the material is less changed after dispersion, and the storage stability is high.
- VOC-free, APEO-free

Application:

Construction Latex Paint

Papermaking

Ceramic Fillers

Recommended dosage:

Class	Titanium pigment	Calcium carbonate	Inorganic pigment
Amount% (relative to pigment)	1.0~5.0	0.5~2.0	4.0~10.0

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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 50kg/bucket, 250kg/bucket, 1250 ton/bucket, or custom packaging per customer specifications.

Therefore, the data, including the formulation, are authentic. However, customers must conduct experiments in their own laboratories or equipment to confirm the results, 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.