Sodium Salt Dispersant

5040

Features and advantages:

1.5040 is a polymerization of maleic anhydride highly efficient and stable pigment filler dispersant, it can improve the wetting of pigment filler, shorten the grinding time, stable pigment filler dispersion system, prevent pigment filler flocculation, reduce the tendency of floating color, hair, etc.. It has the characteristics of sharply reducing abrasive viscosity, improving coating storage stability, increasing gloss and leveling. At the same time, the molecular structure of 5040 introduces hydrophobic groups, which has better hydrophobicity and anchoring property.

2.5040 has good dispersion effect on titanium dioxide, talc, calcium carbonate, zinc oxide, lithopone, kaolin, indigo and other inorganic pigments (fillers), especially suitable for grinding fine particle size pigments.

3.5040 as the main dispersant of titanium dioxide and other physical fillers can be used alone, can also be used with polyphosphates, if used with non-ionic wetting agent, can achieve the best wetting and dispersing performance, widely used in architectural coatings, a variety of water-based industrial paint and pigment concentrate slurry, has many formula advantages:

* Very effective on inorganic pigments, versatile, can be used from matte to glossy formulations

* High dispersion efficiency, low dosage, good formula reproducibility

* Low foaming ability of grinding

* Excellent compatibility with alkali swelling type thickener and polyurethane type thickener, good storage stability

* Good compatibility with low carbon alcohols, providing high gloss

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; For more information, please visit: https://www.rk-chem.com

Product parameter:

Appearance	Light yellow transparent viscous liquid
Chemical composition	Polyacrylate sodium salt
PH	7.5
Specific gravity	1.30
Active ingredient	42±1%
Water soluble	Soluble in water

Application:

Water-based adhesive, water-based glazing oil, water-based ink, interior and exterior latex paint, leather coating, other water-based systems.

Recommended dosage:

Add 0.6~1.0% (finished product/solid points) to color filler

Packing:

50 and 250 kg plastic drum/ton drum

Storage:

Should be stored in 5~40℃, such as freezing, can be heated to 30~40℃ dissolved and fully mixed after use, unchanged performance. The product should be sealed and placed in a cool, dry and ventilated place

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