



Hydrophobic modified polyurethane rheological agent

RT-3159

Features and advantages:

RT-3159 non-ionic hydrophobic modified polyurethane rheological agent, suitable for high light and low VOC systems, high solid content and high thickening ratio, can effectively improve medium and high shear viscosity, and has excellent flow levelling, endowing waterborne coatings with excellent rheological properties, high gloss, high hardness and fullness of paint film; Excellent brush lag, splash resistance, water resistance and water separation resistance; This product has low foaming, good film forming, high transparency, does not cause fog and other defects, and has anti-microbial and mildew properties; Organic metal tin free, an environmentally friendly product.

(1) the RT - 3159 is designed for a wide range of coating formula, which can be used to prepared from dumb light to highlight the external walls of paint, the styrene acrylic, pure c and vinegar c system has excellent performance, especially suitable for the highlights, high hardness, cover the surface of the optical system, which is widely applied in industrial paint, does not cause defects such as hair spray, and provide

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the good film fullness, Especially recommended for use in spray formulations.

(2) RT-3159 has good formula compatibility with cellulose thickener and alkali swelling thickener, and can freely choose to match cellulose thickener and alkali swelling thickener.

(3) RT-3159 can be used as a main thickener alone or as a synergistic thickener to obtain excellent fluidity.

Product specifications:

appearance	Slightly cloudy to transparent liquid
PH value (20°C)	7±2
Density (20°C)	1.04±0.02g/ml
Brinell viscosity (25°C)	< 8000 centipoise
smell	Minimal characteristic odor
Valid copy of	48±1%

Recommended dosage: recommended dosage of 0.05-5.0%.

Usage: add slowly and disperse fully at high speed after dilution in stirring state; It is recommended that the emulsion be added before adding to obtain high gloss presentation, and the dosage should be adjusted according to



the viscosity requirements of the product.

Packing: 50kg, 200kg, IBC plastic ton drum packing.

Storage: keep the container sealed, 5-35°C to avoid light and heat shelf life of 12 months.