

SURFATA® MR 1010

Composition

Hydrophobically Modified Polyethylene Oxide Urethane Polymer

Application

SURFATA® MR 1010 associative thickener (HEUR) designed for use in conventional aqueous emulsion systems, improves low/medium-shear range (low shear - KU).

Can be used alone or in combination with a co-thickener such as **SURFATA® MR 1030** or **SURFATA® MR 1050** if higher high-shear (ICI) viscosity is required.

Typical Properties

Appearance, 25 °C	White liquid
Non-volatile matter, %	25
viscosity Brookfield, cP	4000
Flashpoint, °C	> 100
Density, 25 °C (g/ml)	1,03

Values indicated in this data sheet describe typical properties and do not constitute specification limits. Please refer to product spec sheet.

Application Areas

- Architectural coatings
- Industrial coatings
- Print Inks
- Adhesives and sealants

Features and Benefits

Rheology modifier	Low shear viscosity KU	High shear viscosity ICI	Flow and levelling	Roller spatter resistance	Anti-settling resistance	Water and mechanical resistance
SURFATA® MR 1010	4	2	3	2	5	4

- Improves low/medium-shear range viscosity.
- Excellent finished paint appearance.
- Excellent brush/drag, film build, spatter resistance.
- Excellent flow and levelling.
- Use over a wide pH range.
- Resistant to microbial and enzymatic attack.

SURFATA[®] MR 1010

Incorporation and Dosage

SURFATA[®] MR 1010 can be incorporated during any stage of the production process, but incorporation at the end of the process is recommended.

% additive based upon total formulation	0,5 – 4,0
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Transport and Storage

Keep in a dry, cool and well-ventilated place. Keep product away from heat and sources of ignition. Store in original containers.

Safety and Handling

Please refer to product MSDS.

Note: These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale. Suggestions for use of our products or the inclusion of descriptive material from patents and the citation of specific patents in this publication should not be understood as recommending the use of our products in violation of any patent.

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