

**ACRYSOL™ RM-12WE Rheology Modifier**

For Latex Paint Applications

Regional Product Availability

EMEA

Product Description

ACRYSOL™ RM-12WE Rheology Modifier is a nonionic rheology modifier designed to offer high low-shear viscosity with an extremely shear thinning rheology and excellent thickening efficiency. It offers a rheology profile similar to ACRYSOL™ RM-12W Rheology Modifier but is prepared without intentionally adding tin compounds to the production process.

ACRYSOL™ RM-12WE Rheology Modifier offers excellent sag resistance with minimal effect on flow and leveling. While not capable of providing true thixotropy, it can offer advantages typical of thixotropes. These properties include improved brush/roller loading, good anti-drip properties, good in-can structure, and excellent flow/sag balance.

ACRYSOL™ RM-12WE Rheology Modifier can be used in a variety of interior and exterior paint formulations. It is particularly suited for use as a co-thickener to improve flow/sag balance with other associative Rheology Modifier, such as ACRYSOL™ RM-2020 E Rheology Modifier. ACRYSOL™ RM-12WE Rheology Modifier can be used in gloss, semigloss, sheen and flat formulations based on acrylic, styrene acrylic and vinyl acrylic latex. The highly shear thinning nature of this material makes it suitable for spray applications.

ACRYSOL™ RM-12WE Rheology Modifier is provided as an easy to handle, solvent-free** and tin-free** liquid that is easy to incorporate in the manufacturing process.

Characteristics

- Excellent low-shear thickening efficiency with low thickening demand
- Excellent sag resistance with minimal impact on flow
- Excellent anti-settling properties
- Solvent-free**, tin-free** liquid
- Ideal for spray applications providing film build with minimum sagging
- Excellent brush/roller loading and good anti-drip properties
- Easy to handle and incorporate during manufacturing
- Low odor
- Resistant to microbial and enzymatic attack

Typical Properties

These properties are typical but do not constitute specifications.

Property	Typical Values
Appearance	Milky white liquid
Solids content %	19
Brookfield viscosity (sp. 4, 6 rpm, 25°C)	4000 mPa.s, maximum
Specific gravity (wet polymer)	1.04
Solvent	Water
Chemistry	HEUR*

* Hydrophobically modified polyethylene oxide urethane

** Solvents and tin compounds are not intentionally added and are not knowingly introduced from another raw material.

Handling Precautions	Before using this product, consult the Material Safety Data Sheet (MSDS)/Safety Data Sheet (SDS) for details on product hazards, recommended handling precautions and product storage.
Storage	Store products in tightly closed original containers at temperatures recommended on the product label.
Disposal Considerations	Dispose in accordance with all, local or national regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner. It is the user's responsibility to verify that treatment and disposal procedures comply with local or national regulations. Contact your Dow Coating Materials Technical Representative for more information.
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Note on EMEA Product Line	Product availability and grades vary throughout the countries in the EMEA area. Please contact your local Dow Coating Materials representative for further information and samples.
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