



## ACRYSOL™ RM-3000 Rheology Modifier

### Introduction

ACRYSOL™ RM-3000 Rheology Modifier offers a viscosity versus shear rate profile that is highly Newtonian. This characteristic makes it very useful for building ICI, particularly in high volume solids and/or small particle size latex formulations. The ICI efficiency of ACRYSOL RM-3000 Rheology Modifier is greater than that of ACRYSOL RM-2020NPR Rheology Modifier, but less than ACRYSOL RM-5000 Rheology Modifier. The Newtonian rheology that ACRYSOL RM-3000 offers is particularly useful for obtaining excellent flow in high-ICI formulations. ACRYSOL RM-3000 Rheology Modifier is of the nonionic, hydrophobically-modified ethylene-oxide urethane (HEUR) type, and is manufactured without the use of solvents or APEO surfactants.

Features	Benefits
Excellent application properties	Good film build with excellent flow and leveling. Can be used in high gloss paints because of its Newtonian behavior.
Use with ACRYSOL™ RM-995 Rheology Modifier in deeptone paints	Offers very low KU drops upon colorant addition with an excellent sag-flow balance.
Solvent-free* 100% water form	Low odor, low VOC applications.
Provided as low viscosity liquid	Easy to handle and incorporate during manufacturing process.

### Typical Physical Properties

(These properties are typical but should not be considered specifications).

Property	Typical Values
Appearance	Hazy liquid
Solids content	20.0%
Solvent	Water
Viscosity Brookfield (mPa.s)	3000 - 5000 cP
pH	6-7
Density, lb/US gallon	8.7

\*manufactured without added solvent

**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, state (provincial) and federal 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, state (provincial) and federal regulations. Contact your Dow Coating Materials Technical Representative for more information.

**Chemical  
Registration**

Many countries require the registration of chemicals, either imported or produced locally, prior to their commercial use. Violation of these regulations may lead to substantial penalties imposed upon the user, the importer or manufacturer, and/or cessation of supply. It is in your interests to ensure that all chemicals used by you are registered. Dow does not supply unregistered products unless permitted under limited sampling procedures as a precursor to registration.

**Product  
Stewardship**

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