



## ACRYSOL™ TT-935 Rheology Modifier

HASE Rheology Modifier

### Regional Product Availability

- Asia-Pacific

### Description

ACRYSOL™ TT-935 Rheology Modifier is a hydrophobically modified, alkali-soluble, anionic associative thickener, designed to give medium shear rate viscosity in interior/exterior flat latex paints. ACRYSOL™ TT-935 Rheology Modifier can be used as either a primary or co-thickener in water-based coatings.

ACRYSOL™ TT-935 Rheology Modifier offers the formulation of paints with excellent resistance to roller spattering with better film build and leveling than conventional thickeners.

Paints formulated with ACRYSOL™ TT-935 Rheology Modifier as a sole thickener offer improved flow and leveling over that of medium to high molecular weight cellulosic thickeners. The rheology of ACRYSOL™ TT-935 Rheology Modifier can be modified to give further improvements in flow and leveling by addition of low levels of surfactant or glycol ether type co-solvents to reduce the low shear viscosity. Addition of some pre-dispersed colorant may also have this effect.

ACRYSOL™ TT-935 Rheology Modifier is recommended for use in interior paints requiring improved flow and leveling, and lower raw material cost compared to cellulosic thickeners. Where excellent water resistance is required, we would suggest the use of ACRYSOL™ SCT-275 Rheology Modifier. ACRYSOL™ TT-935 Rheology Modifier can be used in exterior paints but we suggest formulators exercise caution to minimize potential blistering which can occur due to the anionic nature of this product.

Delivered as a low viscosity liquid, ACRYSOL™ TT-935 Rheology Modifier is very easy to handle and incorporate into the paint. It is resistant to microbiological degradation, thereby avoiding viscosity loss in the paint, a common problem encountered by paint manufacturers.

### Key Features

- Excellent resistance to roller spattering with better film build and leveling.
- Low viscosity, water-based emulsion.
- Excellent film build capability.
- Offers resistance to microbe and enzyme attack.

### Benefits

- Offers improved application properties and cost effectiveness than cellulosic thickeners.
- Easy to handle and incorporate into formulations.
- Facilitates improved hiding for high quality paints.
- Facilitates the formulation of stable latex paints.

**Typical Properties**

(These properties are typical but do not constitute specifications).

Property	Typical Values
Appearance	Opaque, white to off-white liquid
Solids, by weight, %	30.0
Density, wet, (g/ml)	1.06
pH	2.8
Viscosity (Brookfield LV #1, 60 rpm, 25 °C), cps	< 25
Stabilization	Anionic
Solvent	Water
Chemical Type	HASE <sup>(1)</sup>
Storage precautions	Protect from freezing

(1) HASE = **H**ydrophobically modified **A**lkali **S**oluble **E**mulsion.

## 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

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 within the Asia-Pacific 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.

## Note on Asia-Pacific Product Line

Product availability and grades vary throughout the countries in Asia-Pacific. Please contact your local Dow Coating Materials representative for further information and samples.

## Product Stewardship

Dow has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products - from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

## Customer Notice

Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

### Contact:

Australia / NZ	+61-3-9956-7500
South East Asia	+65-6861-1077
Greater China	+86-21-3851-1000
Japan	+81-3-5460-2150
Korea	+82-10-5265-3736
India	+91-22-6602-8888

[www.dow.com](http://www.dow.com)

NOTICE: No freedom from infringement of any patent owned by Dow or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government enactments. The product shown in this literature may not be available for sale and/or available in all geographies where Dow is represented. The claims made may not have been approved for use in all countries. Dow assumes no obligation or liability for the information in this document. References to "Dow" or the "Company" mean the Dow legal entity selling the products to Customer unless otherwise expressly noted. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.

