

**CELLOSIZETM QP-100MH HEC**

Hydroxyethyl Cellulose

Regional Product Availability

EMEA

Product Description

CELLOSIZETM QP-100MH Hydroxyethyl Cellulose (HEC) is the highest molecular weight cellulosic polymer offered by The Dow Chemical Company, and aqueous solutions of CELLOSIZETM QP-100MH HEC are the most pseudoplastic (non-Newtonian) in their rheology. CELLOSIZETM QP-100MH HEC is used as a thickener for water-borne systems including latex paints.

Application

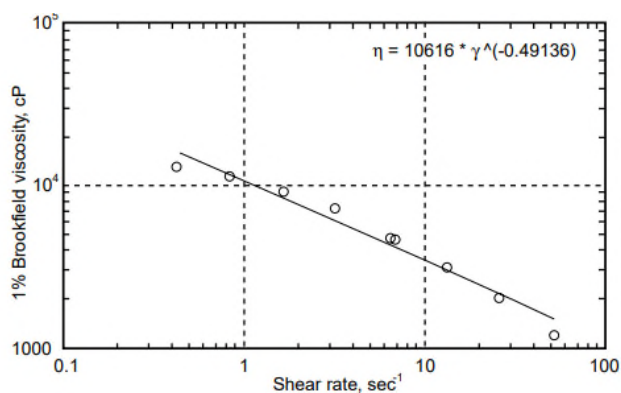
Paint and Coatings, general thickening

Typical Properties

These are typical properties, not to be construed as specifications

Property	Typical Values
1% Brookfield viscosity	4400-6000 cP
Water insoluble	1.50% max
Volatiles	5.0% max
Solution pH (2%)	6.0-7.0
Hydration time (pH 7.2 buffer)	5-15 minutes
Particle size through #20 mesh	98% min

1% Solution viscosity of CELLOSIZETM QP-100MH HEC as a function of shear rate



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.

Chemical Registration

Many countries within EMEAI 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 EMEAI Product Line

Product availability and grades vary throughout the countries in the EMEAI area. 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.

For more information visit our website:
www.dow.com

To contact us, call:
Europe, Middle East, Africa & India:
+31 115 672 626

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