



CELLOSIZE QP 100MH hydroxyethyl cellulose

Product Description

CELLOSIZE™ QP 100MH hydroxyethyl cellulose (HEC) is the highest molecular weight cellulosic polymer offered by The Dow Chemical Company, and aqueous solutions of CELLOSIZE QP 100MH HEC are the most pseudoplastic (non-Newtonian) in their rheology. CELLOSIZE QP 100MH HEC is used to thicken household cleaning products, in the fabrication of toilet tank drop-in tablets, and other applications where very high thickening efficiency is the dominant performance requirement.

Applications

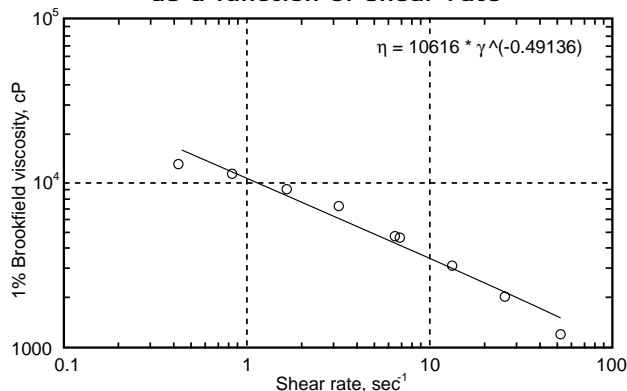
cleaners, personal care and cosmetic products, paints

Typical Properties†

Characteristic	Range	Method
1% Brookfield viscosity	4400 to 6000 cP	1B-44C-0.1 (ASTM D-2364)
Water insolubles	1.50%, maximum	1B-44C-0.2
Volatiles	5.0%, maximum	1B-44C-0.3
Solution pH (2%)	6.0 to 7.0	1B-44C-0.4
Hydration time (pH 7.2 buffer)	5 to 15 minutes	1B-44C-0.55
Particle size through #20 mesh	98%, minimum	1B-44C-0.6

† The data provided for these properties are typical values, intended only as guides, and should not be construed as sales specifications.

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



For more information, complete literature, and product samples, you can reach a Dow representative at the following numbers:

From the United States and Canada

call 1-800-447-4369
fax 1-989-832-1465

From Mexico

call 95-800-447-4369
fax 95-989-832-1465

In Europe

toll-free +800 3 694 6367
call +32 3 450 2240
fax +32 3 450 2815

Or you can contact us on the Internet at
www.cellosize.com

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