CELLOSIZE™ QP 100MH Hydroxyethyl Cellulose

Description

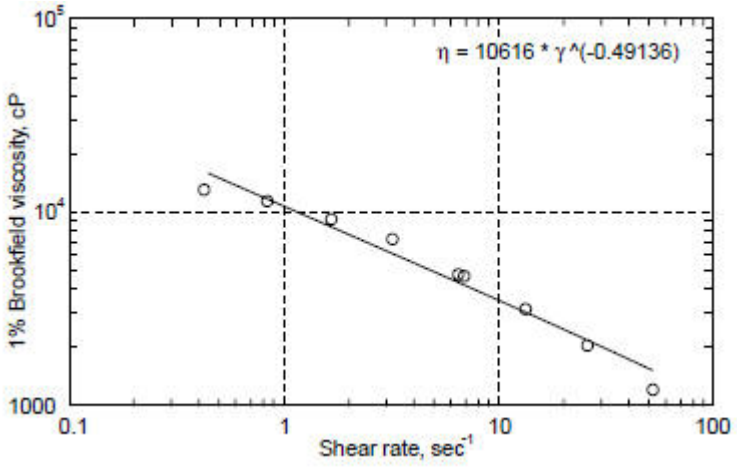
CELLOSIZE QP 100MH hydroxyethyl cellulose (HEC) is the highest molecular weight cellulosic polymer offered by The Dow Chemical Company, and aqueous solutions of CELLOSIZE QP 100MH HEC are the most pseudoplastic (non-Newtonian) in their rheology. CELLOSIZE QP 100MH HEC is used to thicken household cleaning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

Typical Properties

These properties are typical but do not constitute specifications.

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

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



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