



## Technical Data Sheet

### CELLULOOK™ H 16-2 HPMC Hydroxypropyl Methyl Cellulose

#### Hydroxypropyl Methyl Cellulose

#### Global Product Availability

**Description** CELLULOOK™ H 16-2 Cellulose Ether is a hydroxypropyl methyl cellulose(HPMC). **CELLULOOK™ H 16-2 HPMC Hydroxypropyl Methyl Cellulose** has low-viscosity (200–3000 mPa·s) is typically used in applications that require good film formation, smooth flow, or rapid dissolution rather than thickening.

**Benefits** It imparts well-balanced properties, e.g.

- Improved Flowability
- Moderate Water Retention
- Anti-Segregation & Anti-Bleeding
- Smooth Surface Finish
- Improved Workability
- Reduces Shrinkage & Cracking

This low-viscosity grade of HPMC is mainly used in special construction materials that need flow, leveling, or light water retention—without thickening too much.

#### Typical Physical Properties<sup>1</sup>

Property	Unit	Result
Appearance		Powder
Solubility		Water soluble
pH		Neutral (2% solution)
Viscosity <sup>2</sup>	mPa·s	200–3000
Moisture content	%	Maximum 7

1. Please note that the viscosities and other values shown are typical values for your guidance. They are not to be taken as specifications and are subject to certain variability. Please consult the sales specifications for details.
2. 2% solution in water, Haake Rotovisko RV 100, shear rate 2.55 s<sup>-1</sup>, 20°C

<b>Handling Precautions</b>	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.
<b>Storage</b>	Store products in tightly closed original containers at temperatures recommended on the product label.
<b>Disposal Considerations</b>	<p>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 of in a safe and legal manner.</p> <p>It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial), and federal regulations. Contact your <b>CELLULOOK™</b> Technical Representative for more information.</p>
<b>Chemical Registration</b>	<p>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 interest to ensure that all chemicals used by you are properly registered.</p> <p><b>The Hebei Cellulook New Material Technology Co., Ltd.</b> does not supply unregistered products unless permitted under limited sampling procedures as a precursor to registration.</p>
<b>Product Stewardship</b>	<p>Cellulook has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern forms the basis of our product stewardship philosophy, by which we assess the safety, health, and environmental information on our products and take appropriate steps to protect employee and public health and the environment.</p> <p>The success of our product stewardship program rests with each individual involved with Cellulook products—from the initial concept and research to manufacture, use, sale, disposal, and recycling of each product.</p>
<b>Customer Notice</b>	<p>Cellulook strongly encourages its customers to review both their manufacturing processes and their applications of Cellulook products from the standpoint of human health and environmental quality to ensure that Cellulook products are not used in ways for which they are not intended or tested.</p> <p>Cellulook personnel are available to answer your questions and provide reasonable technical support. Cellulook product literature, including safety data sheets, should be consulted prior to use. Current safety data sheets are available at:  <a href="http://www.cellulook.com">www.cellulook.com</a></p>
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