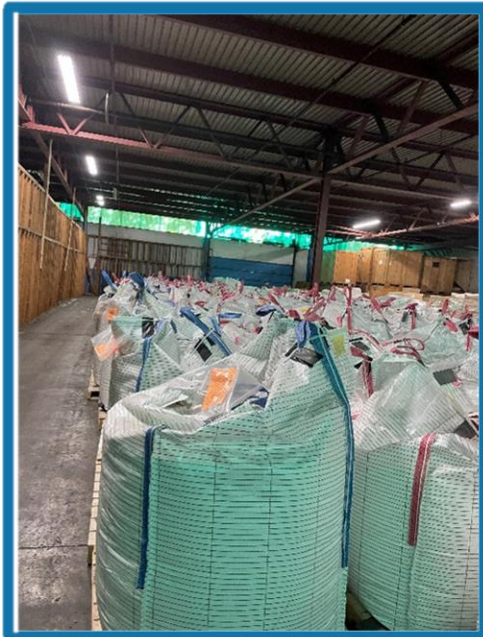


Offer Sheet

Product	HPMC (Hydroxypropyl Methylcellulose)
Quantity	6 truckloads
Net weight	Mix of 25kg bags and supersacks
Manufacture date	
Availability	One time
Location	East Hartford, CN 06108
Date	4/9/26
COA & SDS	Attached below

Viscosity varies widely by batch, from 800 cps up to 96,000 cps. Truckload quantities only.

Option for 1 truckload per month on a recurring basis. All product is American-made and available as-is in original bags. Rebagging into 25 KG, 50 LB, or supersacks is available if needed, but not required.



Hydroxypropyl Methylcellulose (HPMC) is a **non-ionic cellulose ether** used as a **rheology modifier, water-retention agent, binder, and film former** across multiple industries. Its value is driven by **viscosity grade and substitution chemistry (methoxy/hydroxypropyl levels)**.

1) Construction Materials (Largest Volume Segment)

Applications:

- Tile adhesives (thinset)
- Cement mortars and renders
- Self-leveling compounds
- EIFS / insulation systems

Function:

- Water retention → prevents premature drying
- Improves workability and spread
- Extends open time
- Enhances adhesion and reduces cracking

Why it dominates:

- Critical additive in modern dry-mix construction systems
 - Powder form integrates easily into dry blends
-

2) Pharmaceuticals

Applications:

- Tablet binder
- Film coating agent
- Controlled-release matrix systems

Function:

- Forms uniform coatings
- Controls drug dissolution rate
- Stabilizes active ingredients

Grades:

- High-purity, tightly controlled viscosity and substitution
-

3) Food & Beverage

Applications:

- Thickener and stabilizer
- Fat replacer
- Gluten-free and vegan formulations

Function:

- Provides texture and mouthfeel
- Retains moisture
- Forms gels when heated (unique thermal gelation)

Examples:

- Plant-based meats
 - Bakery products
 - Sauces and dressings
-

4) Paints & Coatings

Applications:

- Latex paints
- Industrial coatings

Function:

- Rheology control (viscosity management)
 - Improves leveling and sag resistance
 - Enhances pigment suspension
-

5) Personal Care & Cosmetics

Applications:

- Shampoos, lotions, creams
- Toothpaste
- Gels

Function:

- Thickener and stabilizer
 - Film-forming agent
 - Improves product texture
-

6) Industrial & Specialty Uses

Applications:

- Ceramics (binder)
- Textile printing pastes
- Detergents
- Oilfield fluids (limited)

Function:

- Binding and film formation
- Suspension stability

SALES SPECIFICATION

Date Printed:

Effective Date:

Supersedes Date:

Name: Hydroxypropyl Methylcellulose

Specification Number:

Previous Specified Material:

Test and Test Condition	Final Testing Requirements			
	Limit	Unit	Method	Note
Methoxyl	16.5 — 20.0	%	M 100755	1
Hydroxypropoxyl	23.0 — 32.0	%	M 100755	2
Viscosity, 2% in Water, @ 20degC	10000 — 16500 12000 Aim	cP	M 101662	
Moisture, as packaged	7.0 Max	%	M 100667	
Sodium Chloride	5.0 Max	%	M 100187	
Particle Size, thru 40 U.S. Std Sieve	99 Min	%	M 100669	

Final Testing Requirements Notes:

- 1 Before Treatment.
- 2 Before Treatment.

External Notes

- 1 This product is not intended for use as a direct food additive or in pharmaceutical applications.

MULTI-MODE LOGISTICS
 3 CHOICE RD
 WINDSOR LOCKS CT 06096-1110

Certificate of Analysis

Product Number 00011089275
 Product Name
 Hydroxypropyl Methylcellulose
 Delivery No.
 Order Number
 Date Shipped (YYYY-MM-DD)
 Shipment No.

Customer Information

Customer Name MULTI-MODE LOGISTICS
 Customer PO number 111620G
 Container ID
 Vehicle#
 Specification Number

Batch Number
 Manufacturing Date (YYYY-MM-DD)
 Quantity 280.000 BAG
 Net Weight 12345.897 LB
 Packaging Information 20 KG BAG

Test	Unit	Lower Limit	Upper Limit	Value
Methoxyl	%	27.0	30.0	28.6
Hydroxypropoxyl	%	4.0	7.5	6.3
Sodium Chloride	%		3.0	1.1
Moisture as packaged	%	-	5.0	2.5
Viscosity, 2% in Water @ 20degC, calculated	cP	30000	50000	44587

For inquiries please contact Customer Service or local sales

	MULTI-MODE LOGISTICS 3 CHOICE RD WINDSOR LOCKS CT 06096-1110
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Certificate of Analysis	Customer Information
Product Number	Customer Name MULTI-MODE LOGISTICS
Product Name Hydroxypropyl Methylcellulose	Customer PO number 111620H
Delivery No.	
Order Number	
Date Shipped (YYYY-MM-DD)	Container ID
Shipment No.	Vehicle#
	Specification Number

Batch Number	
Manufacturing Date	2020-04-05 (YYYY-MM-DD)
Quantity	120.000 BAG
Net Weight	6613.873 LB
Packaging Information	25 KG Bag

Test	Unit	Lower Limit	Upper Limit	Value
Methoxyl	%	16.5	20.0	18.9
Hydroxypropoxyl	%	23.0	32.0	24.8
Viscosity, 2% in Water @ 20degC	cP	10000	16500	13234
Moisture as packaged	%		7.0	2.4
Sodium Chloride	%		5.0	2.0
Particle Size, thru 40 U.S. Std Sieve	%	99		100

For inquiries please contact Customer Service or local sales

	MULTI-MODE LOGISTICS 3 CHOICE RD WINDSOR LOCKS CT 06096-1110
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Certificate of Analysis		Customer Information	
Product Number	00000016455	Customer Name	MULTI-MODE LOGISTICS
Product Name	Hydroxypropyl Methylcellulose	Customer PO number	091520DR
Delivery No.	819557490 / 000010		
Order Number			
Date Shipped		Container ID	
Shipment No.		Vehicle#	
		Specification Number	

Batch Number	
Manufacturing Date	(YYYY-MM-DD)
Quantity	135.000 BAG
Net Weight	5952.486 LB
Packaging Information	20 KG BAG, 48 PER PALLET

Test	Unit	Lower Limit	Upper Limit	Value
Sodium Chloride	%		3.0	0.6
Moisture, as packaged	%		6.0	2.1
Viscosity, Brookfield	mPa.s	3300	4600	3310
1% IN WATER @ 20 DEGC				
SPINDLE NO. 4 @ 20RPM				

For inquiries please contact Customer Service or local sales