

Technical Data Sheet

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Item Name:

HEC

PRODUCT INFORMATION

Chinese Name:	羟乙基纤维素
Commodity Name:	HEC
Chemical Name:	Hydroxy Ethyl Cellulose
Other Name:	Hydroxyethyl Cellulose Ether, Hydroxyethyl Cellulose, Hetastarch
CAS No.:	9004-62-0
Molecular Weight:	N/A
Molecular Formula:	$C_2H_6O_2 \cdot x$

PRODUCT DESCRIPTION

Non-ionic; Water soluble (both hot and cold); Odorless, tasteless; Stable under pH range 2-12; Good film-forming ability; Good surface activity; Weaker than HPMC in dispersing ability, but much stronger than HPMC in the ability of colloid protection.

TECHNICAL SPECIFICATION

Index	Standard
Appearance (25°C)	White powder
Molar degree of substitution (M.S)	1.8 - 2.0
Moisture content by wt %	10.0 max
Water insoluble matter by wt %	0.50 max
pH	6.0 - 8.5
Heavy metal by ug/g	20.0 max
Ash content by wt %	5.0 max
Viscosity (mpa.s) 2% aqueous solution at 20°C	5 - 100000
Lead by wt %	0.001 max

MAIN APPLICATION

Thickener: in hair conditioner, cosmetic; **Emulsifier:** in textile auxiliary; **Thickener & anti-reducing:** oil-drilling; **Thickener & suspension:** pharmaceutical; **Surfactant & protector:** coating, fiber, paper making, pesticides and etc.

PACKING, LOADING AND SHELF LIFE

Packing: 25kg bags on pallets

Loading: 15mt/20'fcl

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.