

Hydroxyethyl Cellulose Technical Data Sheet

HEC produced on a 5000 tonne per year line in Shandong, China, using an acetone countercurrent washing process. Viscosity range 300 to 200000 mPa.s.

Specification

Product Name	Hydroxyethyl Cellulose
CAS No	9004-62-0
EINECS	618-387-5
Chemical Formula	(C ₂ H ₆ O ₂) _n
Appearance	White or almost white, odorless, tasteless solid powder
Viscosity	300-200000 mPa.s
Transmittance	at least 80.0 %
Molar Degree of Substitution	1.8-3.0
Water Content	5.0 % max
Ash Content (as sulfate)	6.0 % max
pH (1% solution)	6.0-8.5
Screening Rate (40 mesh)	at least 99 %
Packing	25 kg per bag, inner polyethylene film, outer composite woven bag

Packing

25 kg per bag as standard: inner polyethylene plastic film bag inside an outer composite plastic woven bag. Other pack sizes and private label printing are arranged on request.

Grades In This Line

Product	Primary application
Hydroxyethyl Cellulose Ether for Seed Processing	Agriculture and Crop Protection
Hydroxyethyl Cellulose Ether for Fertilizer	Agriculture and Crop Protection
Hydroxyethyl Cellulose Ether for Gypsum	Construction Mortars and Building Materials
Hydroxyethyl Cellulose Ether for Soil Mortar	Construction Mortars and Building Materials
Hydroxyethyl Cellulose Ether for Emulsifier	Emulsion Polymerization
Hydroxyethyl Cellulose Ether for Ceramics	Ceramics
Hydroxyethyl Cellulose Ether for Metalworking Fluid	Metalworking Fluids
Hydroxyethyl Cellulose Ether for Stabilizer	Oil Drilling and Well Completion
Hydroxyethyl Cellulose Ether for Oilfield Exploitation	Oil Drilling and Well Completion
Hydroxyethyl Cellulose Ether for well completion	Oil Drilling and Well Completion
Agricultural Hydroxyethyl Cellulose	Agriculture and Crop Protection

Hydroxyethyl Cellulose Ether for Shampoo	Daily Chemical and Personal Care
Hydroxyethyl cellulose for ink	Printing Inks
Hydroxyethyl Cellulose for Emulsion Polymerization	Emulsion Polymerization
Hydroxyethyl Cellulose for Beauty Industry	Daily Chemical and Personal Care
Hydroxyethyl Cellulose Ether for Fertilizer Seed Treatment	Agriculture and Crop Protection
Hydroxyethyl Cellulose Ether for Fertilizer	Agriculture and Crop Protection
White Powder Hydroxyethyl Cellulose	Industrial Thickening and Stabilisation
Nonionic Soluble Cellulose Ether Hydroxyethyl Cellulose	Industrial Thickening and Stabilisation
Hydroxyethyl Cellulose for Beauty Industry	Daily Chemical and Personal Care
Hydroxyethyl Cellulose Ether For Building materials	Construction Mortars and Building Materials
Hydroxyethyl Cellulose Ether for Petroleum	Oil Drilling and Well Completion
Hydroxyethyl Cellulose Ether for Adhesive	Adhesives and Sealants
Hydroxyethyl Cellulose Ether for Industrial Grade	Industrial Thickening and Stabilisation
Building Painting Oil Drilling Grade Hydroxyethyl Cellulose	Oil Drilling and Well Completion
Building Painting Oil Drilling Grade HEC	Oil Drilling and Well Completion
Hydroxyethyl cellulose is suitable for polymerization	Emulsion Polymerization
Hydroxyethyl Cellulose of The Cellulose Ethers	Industrial Thickening and Stabilisation
Hec Chemical Additives as a Film Former	Industrial Thickening and Stabilisation
Hydroxyethyl Cellulose Ether Hec Chemical Additives	Industrial Thickening and Stabilisation
Hydroxyethyl cellulose is non-ionic soluble cellulose ether	Industrial Thickening and Stabilisation
Hydroxyethyl Cellulose for Sizing Agent	Daily Chemical and Personal Care
Hydroxyethyl Cellulose for Paper	Daily Chemical and Personal Care
Hydroxyethyl Cellulose for Oil Drilling	Oil Drilling and Well Completion
Hydroxyethyl Cellulose HEC for Water-Based Paints	Water-Based Paints and Coatings
Hydroxyethyl Cellulose Ether Hec for Latex Paint	Water-Based Paints and Coatings
Hydroxyethyl Cellulose for Oil Drilling	Oil Drilling and Well Completion
Hydroxyethyl Cellulose for Ceramics	Ceramics
Hydroxyethylcellulose in disinfectant gel	Daily Chemical and Personal Care
Hydroxyethyl Cellulose for Liquid Soap	Daily Chemical and Personal Care

45 further grades in this line are listed at <https://sdytchemical.com/products.html>

Quality And Documentation

- Every lot tested in our own laboratory against the customer specification
- SGS third-party inspection available on export lots
- Certificate of analysis issued with each shipment, HPLC or NMR data on request
- 800 tonnes of hydroxyethyl cellulose held in stock year round
- Despatch to the designated port within 3 working days of order confirmation

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Figures in this document are the published production specification. The certificate of analysis for your own lot is issued with the shipment.