

Hydroxypropyl Methyl Cellulose Technical Data Sheet

Product Description

Hydroxypropyl methyl cellulose, also known as hypromellose, hydroxypropyl methyl cellulose ether , a selection of highly pure cotton cellulose as a starting material under alkaline conditions specially prepared ether.

Main Specification

PARAMETER	SPECIFICATION	SPECIFICATION	SPECIFICATION	SPECIFICATION
Product	ME	MF	MJ	MK
Hydroxypropyl, wt%	7.5-12	4.0-7.5	23.0-32.0	4.0-12.0
Methoxy, wt%	28.0-30.0	27.0-30.0	16.5-20.0	19.0-24.0
Gel temp, °C	58-64	62-68	70-75	70-90
Ash, wt%	56°C-64°C	56°C-64°C	56°C-64°C	56°C-64°C
Moisture: wt%	5%max	5%max	5%max	5%max
PH Value(2 wt% solution)	4-8	4-8	4-8	4-8
Arsenic: ppm	2max	2max	2max	2max
Heavy metal: ppm	20max	20max	20max	20max
Bulk density	370-420g/l	370-420g/l	370-420g/l	370-420g/l

Viscosity(2% solution), mPa.s

Type	SPECIFICATION	Range mpa.s
Ultra-low viscosity	5	4-6
Ultra-low viscosity	10	8-12
Ultra-low viscosity	15	12-18
Middle viscosity	25	20-30

Middle viscosity	50	40-60
Middle viscosity	100	80-120
high viscosity	4000	3200-4800
high viscosity	12000	9600-14400
Extra Ultra-high viscosity	20000	16000-24000
Extra Ultra-high viscosity	25000	22000-28000
Extra Ultra-high viscosity	30000	27000-32000
Extra Ultra-high viscosity	40000	38000-42000
Extra Ultra-high viscosity	50000	47000-52000
Extra Ultra-high viscosity	60000	57000-62000
Extra Ultra-high viscosity	75000	72000-78000

Uses

Used as dispersing agent or stabilizer for suspension polymerization in PVC, which can improve key factors of suspension polymers like average particle size, particle size distribution, particle form and inner structure. It is a main auxiliary for preparation of PVC by suspension polymerization.

Besides, HPMC can be used as thickener, stabilizer, emulsifier, shaping agent, water-retaining agent, film forming agent, etc. in production of petrochemical, coating, building materials, paint remover, agricultural chemicals, oil ink, textile printing and dyeing, ceramics, paper and cosmetics.

Package 25kg paper bags with liner inside.