Technical Data Sheet

HEMC META50K

Hydroxyethyl Methylcellulose

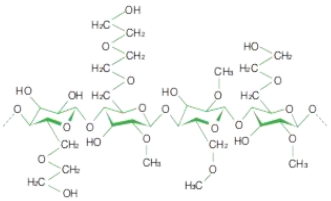
Product description

WOTAIchem HEMC META50K is an upgraded grade of non-ionic cellulose ethers, catering to diverse application requirements.
It has been finely modified with imported ingrdients intended to upgrade the rheological properties like superior thickening, improved workability, reduced stickiness, and an extended open time. It enables better performance on the interior and exterior coating & putty, plaster and renders, as well as ceramic and cement industries.

Specifications and characteristics

Chemical type: Hydroxy Ethyl Methyl Cellulose -Modified Grade

Chemical Structure:



Appearance:	white or off-white powder
Moisture:	≤7%
Gel tempreture:	75-90℃
Methoxy content:	21-24 %
Hydroxyethyl content:	7-10 %
pH value:	5-8.5
Particle size:	99% pass 177μm (ASTM Mesh No.80)
Viscosity:	50,000-60,000 mPa.s (Brookfield RV, 2%)
Delayed Solubility:	No
Degree of substitution:	H
Properties:	Water retention; Lubrication; pH stability; Thickening effect excellent workability; Air entraining effects ; Heat resistance

Recommend Applications

Wall putty
Gypsum plasters
Joint filler
Anti-cracking mortar
Thermal insulation mortar
EIFS / ETICS

Packaging

Net multi-layer paper 25kg bag with polyethylene inner liner.
500-600 KGS per pallet.
20 Pallets in all for 20ft FCL. 40 Pallets in all for 40HQ FCL.

Storage

Store in cool and dry conditions in its original packaging due to its hygroscopic properties.
Dust of Wotai MHEC is capable of exploding.
Store aware from heats, sparks and fires, do not expose it directly to high temperatures as to avoid explosion due to dust.

Shelf Life

The shelf life is 2 years. If over 2 years, please test and confirm the quality before using.

Certified comformity

QUALITY MANAGEMENT SYSTEM CERTIFICATE: **GB/T19001-2016/ISO9001:2015**
ENVIRONMENTAL MANAGEMENTSYSTEM CERTIFICATE: **GB/T 24001-2016/ISO14001:2015**
OCCUPATIONAL HEALTH AND SAFETYMANAGEMENT SYSTEM CERTIFICATE: **GB/T45001-2020/ISO45001:2018**

For further information on safety, refer to the Material Safety Data Sheet (MSDS) or contact WOTAI sales representatives directly. All rights reserved by marketing & sales dept. of Yuanwang group.