

WOTAI™ Technical Data Sheet



MHEC 40K

Hydroxyethyl Methylcellulose

Product description

MHEC40K is a cost-effective non-ionic cellulose ether grade derived from natural polymers through chemical processing. This finely modified product is widely used in high-quality construction materials, including tile adhesives, bonding mortar for EPS/XPS, and EPS insulation mortar. MHEC40K improves slip resistance, open time, and tensile adhesion strength, making it an essential additive for meeting adhesive requirements.

Specifications and characteristics

Chemical type:	Hydroxy Ethyl Methyl Cellulose Modified Grade
Moisture:	≤5 %
Ash:	≤5 %
pH value:	6-8
Particle size:	99% pass 177μm (ASTM Mesh No.80)
Viscosity:	45,000-55,000 mPa.s (Brookfield RV, 2%)
Solubility:	No
Degree of substitution	M
Appearance	white or off-white powder
Properties	Adhesion strength; crack resistance;sag resistance Slip resistance; Open time & Tensile adhesion strength

Recommend Applications

Tile adhesives

Packaging

Net multi-layer paper bag with polyethylene inner liner
500-600 KGS packed in one pallet.
20 Pallets in all for 20ft 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 away 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.

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,
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