

WOTAChem™ HPMC TO75K

Hydroxy Propyl Methyl Cellulose

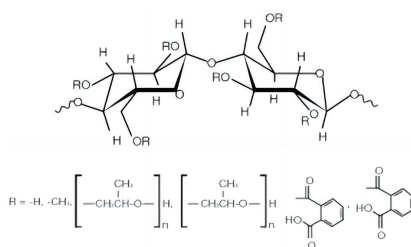
Product description

HPMC TO75K is WOTAChem™'s medium modified grade. Our modified grades are meticulously engineered through chemical reactions or physical blending of organic and inorganic additives. WOTAChem™ HPMC TO75K Cellulose Ether was developed for use in cement or gypsum based mortars, such as bonding and plastering. It is recommended to combine with HPS for better results in tile adhesives. It imparts good workability and enhances water retention. The retarded dissolution characteristic helps to achieve lump free dissolution for Ready-to-use applications. It is compatible with all conventional mineral and organic binders.

Specifications and characteristics

Chemical type: Hydroxy Propyl Methyl Cellulose Modified Grade

Chemical Structure:



Recommend Applications

Tile Adhesive
Cement Adhesive
Insulation Bonding Mortar
Ready-mixed Mortar
Masonry Mortar
Gypsum Binders
Cement Plaster
Tile Grout
Gypsum Plaster
Joint Gypsum

Methoxy content: 19.0-25.0%
Hydroxypropyl content: 7.0-11.0%
pH value: 5.0-8.5
Particle size: 99% pass 177µm (ASTM Mesh No.80)
Viscosity: 55,000-60,000 mPa.s (Brookfield RV, 2%)
Moisture: max.7.0 %
Gel temperature:(℃) 60-70
Solubility: No-delayed solubility
Degree of substitution: M
Appearance white or off-white powder
Properties Good open time, good adhesion, good workability

Please note that the viscosities and other values shown are typical values for your guidance. They are not to be taken as specifications and are subject to certain variability.

Packaging

Net multi-layer paper 25kg 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 WOTAChem™ HPMC 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 WOTAChem™ sales representatives directly. All rights reserved by marketing & sales dept. of Yuanwang group.