WOTAI ™ Technical Data Sheet

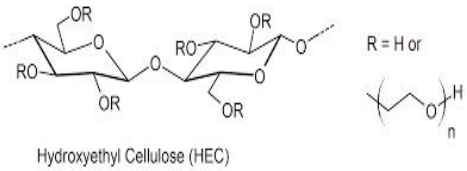
WE50K

Hydroxy Ethyl Cellulose

Product description

Wotai WE50K HEC is a non-ionic, water soluble, modified cellulose ether which offers a variety of functional properties when dissolved in water. It improves the consistency,water retention and the stability of water based products. It can be added into cold water directly.

Specifications and characteristics

Chemical type:	Hydroxy Ethyl Cellulose
Chemical Structure	 Hydroxyethyl Cellulose (HEC)
Moisture:	≤5%
Ash:	≤6%
PH Value:	5.0-8.5
Particle Size:	min.92% pass 177μm (ASTM Mesh No.80)
Viscosity:	4,500-5,500 mPa.s (Brookfield RV, 1 %)
Solubility:	No-delayed solubility
Appearance	white or off-white powder
Recommended Application	Paintings

Properties

Good color acceptance
Viscosity stability
Enzyme resistance
Spatter resistance
Suspension

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 Wotai HEC 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.

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