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Technical Data Sheet

Product description

MICHEM Hydroxyethyl cellulose(HEC) HE100KE is non-ionic, water-soluble materials that derived from cellulose, which provide good properties of water retention, thickening, suspension, anti-microbial erosion, and PH insensitive of water based products.

Specifications and characteristics

MICHEM Grade:	**HE100KE**
Appearance:	white or off-white powder
Moisture:	≤6%
Ash:	≤5%
Bulk density:	300-600 kg/m³
pH value:	6-8
Particle size:	99% pass 80 mesh
Viscosity(Brookfield-RV, 2% solution, 20℃):	3,500-6,500 mPa.s
Viscosity (NDJ, 2% solution in water at 20 ℃):	85,000-110,000 mPa.s
Biostability:	Yes
Delayed solubility:	Yes
Pigment compatibility:	High

Applications

Interior wall paints
Exterior wall paints
Fire retardant coating

General Properties

Uniform film formation
Improves the consistency
Improve emulsion stability
Compatible with surfactants

Packaging & Storage

Multi layer paper bag with PE-liner
25kg/bag, 500kg or 600kg / pallet
Store in cool and dry conditions

Safety

According to EU legislation on dangerous substances and preparations,MICHEM HEC does not belong to hazardousmaterial. Further information on safety aspects is given in Safety Data Sheet.