



Technical Data Sheet

Hydroxypropyl Methyl Cellulose- SD HPMC-200K

Product Description

SD HPMC-200K is made by propylene oxide, methyl chloride with alkali-cellulose after a chemical process called Etherification under rigidly controlled conditions. The resultant nonionic polymer is purified, dried and ground to a fine white powder, this water-insoluble cellulose is turned into water-soluble nonionic polymer, HPMC is a good film-former and varies somewhat in physical and chemical properties. HPMC is quite hydrophilic and readily soluble in cold water.

CAS No.: 9004-65-3

EINECS No.: 220-971-6

HS Code: 39123900

Molecular Formula: C₁₂H₂₀O₁₀

Physical Properties:

Items	Specifications
Appearance	White or off-white powder
Taste	Odorless and tasteless
Viscosity(NDJ-1, 2% sol., 20°C)mPa.s	180,000-220,000
Ash content (%)	5.0 Max
Loss on drying (%)	5.0 Max
PH value (1% sol., 20°C)	5-8.5
Gel. Temperature (°C)	58.0-70.0
Density	1.26-1.31
Particle size(% , Through 80 mesh)	99 Min
Carbonized temperature	280-300 °C
Color changing temperature	190-200 °C



Benefits:

- Good water retention
- Improved adhesion and sliding resistance
- Prolonging open time
- Good wetting ability
- Increased mortar yield

Application:

SD HPMC-200K is industrial grade cellulose ether and mainly used to construction industry as following:

- Wall putty, skim coat,
- Paint industry
- Detergents
- Oilfield industry
- Cement based tile adhesives
- Thin set adhesive mortar,
- Dry mix mortars
- Cement renders
- Gypsum based plasters

Packaging & Storage & Shelf Life:

Packaging: 25 kg / bag (customized packaging and weight available)

Inner: PE plastic film bag, outer: PP woven bag.

Storage: Store in a ventilated, cool, dry environment, to prevent the sun and rain.

Shelf life: 24 months since the production date.

Safety Notice:

The above data is in accordance with our knowledge, but don't absolve the clients carefully checking it all immediately on receipt. To avoid the different formulation and different raw materials, please do more testing before using it. We reserve the right to alter our product and without informing in advance.