



Cellulose

RT-3160

Features and advantages:

Modified compound cellulose is a white free-flowing powder, tasteless, non-toxic, fibrous or powdery solid prepared by etherification of alkaline cellulose with ethylene oxide (or chloroethanol). It is a nonionic soluble cellulose ether. With good thickening, suspension, dispersion, emulsification, adhesion, film formation, water protection and provide protective colloid and other characteristics, has been widely used in oil exploitation, coating, construction, medicine and food, textile, paper making and polymer polymerization reaction and other fields. Screening rate of 40 mesh $\geq 99\%$; Softening temperature :135-140°C; Expression density: 0.35-0.61g/ mL; Decomposition temperature :205-210°C; Combustion speed is slow; Balance temperature content :23°C; 6% at 50% RH and 29% at 84% RH.

Quality standard Project indicators:

Molar substitution degree (M.S) 1.8-2.0

Moisture content (%) of 10 or less

Water insoluble substance (%) ≤ 0.5



PH 6.0 to 8.5

Heavy metal (ug/g) ≤ 20

Ash content (%) ≤ 5

Viscosity (Mpa.s) 2% aqueous solution at 20°C 3-40000

Soluble in both cold and hot water, insoluble in most organic solvents in general. Viscosity changes little in the PH range of 2-12, but decreases beyond this range.

Product specifications:

appearance	White free flowing powder
Chemical composition	nonionic
PH	6.0-8.5
solvent	水
Brinell viscosity	2% aqueous solution 35000 Cp (25°C)

Application areas: This product is used in waterborne coatings, excellent water retention, mildew resistance and degradation resistance, promote the product viscosity more stable.

Recommended usage:

It is recommended to add dry powder, and preservatives should be added in water soluble state, so cellulose is better than water soluble to improve the shear rate and Shearing time.

Packing: 25KG.



Storage: This product should be sealed and placed in a cool, dry and ventilated place. If it cannot be used all at once, please close it after use to prevent dampness.