

Product Data Sheet

Hydroxypropyl Cellulose

HPC

CAS No : 9004-64-2

HPC Hydroxypropyl Cellulose is a thermoplastic, nonionic cellulose ether that is soluble in water and many organic solvents. HPC is high Substituted which is biocompatible in nature and exhibits low critical solution temperature. It is prepared by reacting cellulose with alkali, producing alkali cellulose which is consecutively reacted with propylene oxide. HPC is soluble in water at lower than RT. Viscosity behaves inversely to rise in temperature..

Specification

Product grade	Viscosity (mpa.s)	Molecular weight (average)	Quality Standard
HPC EF	300-600 (10%)	80000	USP/EP
HPC LF	75-150 (5%)	95000	USP/EP
HPC JF	150-400(5%)	140000	USP/EP
HPC GF	150-400(2%)	370000	USP/EP
HPC MF	4000-6500(2%)	850000	USP/EP
HPC HF	1500-3000(1%)	1150000	USP/EP

Packing:

Packed in fiber drum, containing 25 kgs; palletized & shrink wrapped.

Storage:

Store it in a cool, dry place below 30°C and protected against humidity and pressing, since the goods is thermoplastic, storage time should not exceed 36 months.

Safety notes:

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.

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