

HECELLOSE® B4K (Hydroxy Ethyl Cellulose)

Product Description

HECELLOSE® B4K is a nonionic, water-soluble polymer from wood pulps or cotton linters that can be used for water retention aid and rheology modifier in water-based paints. **HECELLOSE® B4K** is a medium viscosity grade of hydroxy ethyl cellulose. It is available in a grade that has bio-stability in solution against enzymatic attack.

Application

HECELLOSE® B4K is widely used for water-based paints. It provides good pseudoplastic flow and wide compatibility with colored pigments, emulsion polymers, surfactants, emulsifiers, defoamers, and preservatives. In order to avoid lump formations caused by a quicker than optimal dissolution rate, **HECELLOSE®** is properly treated to achieve optimum hydration time for the application.

Typical properties

Physical Data	Specification	Remark
Appearance	Off White Powder	
Particle Size	90%<425 μ m	Vibrator Sieve
Moisture Content	Max. 5%	
Viscosity (2% solution, 25 $^{\circ}$ C,)	4,500~6,500 cps	Brookfield LV
pH	6.0~8.5	



Storage & Packing

HECELLOSE® is packed 25kg net multi-layer paper bag with polyethylene inner liner. **HECELLOSE®** should be stored under dry and clean conditions in its original packaging due to its hygroscopic property. If not, **HECELLOSE®** can absorb moisture relative to the humidity in the air. **HECELLOSE®** is not a perishable product.

If it is stored in closed containers, in its original packaging and in a dry place at room temperature, **HECELLOSE®** can maintain its original properties.