

# HECELLOSE™ H100K (Hydroxy Ethyl Cellulose)

## Product Description

**HECELLOSE™ H100K** 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™ H100K** is a high viscosity grade of hydroxy ethyl cellulose.

## Application

**HECELLOSE™ H100K** is widely used for water-based paints, construction, and personal care products. 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 each application.

## Typical properties

Physical Data	Specification	Remark
Appearance	Off White Powder	
Particle Size	90%<425 $\mu$ m	Vibrator Sieve
Moisture Content	Max. 5%	
Viscosity (1% solution, 25 $^{\circ}$ C, )	3,500~5,000 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.