

HECELLOSE® B50K (Hydroxy Ethyl Cellulose)

Product Description

HECELLOSE® B50K 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® B50K** is a high viscosity grade of hydroxy ethyl cellulose. It is available in a grade that has bio-stability in solution against enzymatic attack.

Application

HECELLOSE® B50K 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 (1% solution, 25 $^{\circ}$ C,) | 2,500~3,500 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.