

Combizell HB series Hydroxyethyl Cellulose for Construction

● Presentation of Product

HB series HEC is non-ionic water-soluble polymer, it is effective in thickening, bonding, emulsifying, dispersing, stabilizing and water preserving, forming film and providing protective colloid effect. It is very easily soluble not only in cold water, but also in hot water, and can provide solutions with wider range of viscosity.

● Quality of Product

HB series HEC is made from natural polymer cellulose, is non-ionic water-soluble polymer, it is yellowish or white, odorless and tasteless powdered solid.

● Product application

HB series HEC is the most commonly used as thickener in construction, such as concrete mixture, fresh mortar, gypsum plaster or clay

● Quality indicators

| Product name | Viscosity range mpa.s | Moisture, % ≤ | pH | Appearance |
|--------------|-----------------------|---------------|---------|--------------------------------|
| HB300 | 150-450 (2%) | 6.0 | 6.0~8.5 | White to slightly yellow power |
| HB2000 | 1500-3000 (2%) | 6.0 | 6.0~8.5 | White to slightly yellow power |
| HB6000 | 4000-8000 (2%) | 6.0 | 6.0~8.5 | White to slightly yellow power |
| HB15000 | 700~1500 (1%) | 6.0 | 6.0~8.5 | White to slightly yellow power |
| HB30000 | 1500~2600 (1%) | 6.0 | 6.0~8.5 | White to slightly yellow power |
| HB50000 | 2600~3400 (1%) | 6.0 | 6.0~8.5 | White to slightly yellow power |
| HB100000 | 3400~6000 (1%) | 6.0 | 6.0~8.5 | White to slightly yellow power |

Attention: The above viscosity values are all obtained using Brookfield Viscometer at 25°C

● Packing & storage

N.W.: 25±0.25kg / package,

Inner: Polyethylene plastic film bag,

Outer: Three-in-one composite paper bag.

Under the drying condition if stored in closed pocket can achieve long-term preservation.