

## Technical Data Sheet



### MelaColl™ HE3000B

#### Hydroxyethyl Cellulose (HEC)

##### Product description

MelaColl™ HE3000B is a non-ionic, water soluble cellulose ether which offers a variety of functional properties when dissolved in water. It improves the consistency, water retention and the stability of water based products. It can be added into cold water directly.

| Specifications and characteristics |   |
|------------------------------------|---|
| Appearance:                        | white or off-white powder               |
| Moisture:                          | ≤6%                                     |
| Ash:                               | ≤5%                                     |
| Bulk density:                      | 300-600 kg/m <sup>3</sup>               |
| pH value:                          | 6-8                                     |
| Particle size:                     | 99% pass 80 mesh                        |
| Viscosity:                         | 2,5000-3,5000 mPa.s (Brookfield RV, 2%) |
| Final dissolve time:               | Ca. 30 min                              |
| Delayed solubility:                | Yes                                     |
| Biostability:                      | Yes                                     |
| Pigment compatibility:             | High                                    |
| Wet scrub resistance:              | High                                    |
| Thickening effect:                 | Moderate                                |

##### Recommend Applications

Interior paints  
Exterior paints  
Fire retardant coating  
Cosmetic

##### Packaging & Storage

Multi layer paper bag with PE-liner  
25kg/bag, 500kg/ pallet  
10MT/20FCL palletized  
Store in cool and dry conditions

##### Shelf Life

The shelf life is 2 years. If over 2 years, please test and confirm the quality before using.

This information is based on our present state of knowledge and is intended to provide general notes about our products and their use only. It should not therefore be construed as guaranteeing the consistence or permanency of the products or specific properties of the products described or their suitability for a particular application. Any existing industrial property rights must be observed. The quality of our products is guaranteed under our General Conditions of Sale.