

## Cellulose Ether (LANDERCOLL™ HE60)

### *Hydroxyethyl Cellulose*

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#### *Technical Data Sheet*

##### **Description**

Landercoll HE60 is hydroxyethyl cellulose, which acts as a rheology modifier. This grade is resistant against enzymatic attack, it's also a surface-treated cellulose for delayed and easy dissolution in water, so it is a general thickener for all water based paints.

Landercoll HE60 ensure that particles are well dispersed, avoiding lumps. It offers moderate gloss and pigment compatibility, high anti-spattering, pseudoplasticity and thickening effect.

##### **Specifications and Properties**

Appearance:	white or off-white powder
Moisture content:	≤6 %
Ash content:	≤5 %
Bulk density:	300-600 kg/m <sup>3</sup>
pH value:	6-8
Particle size:	99% pass 80 mesh
Viscosity:	2,500-3,500 mPa.s (Brookfield RV, 1%)
Final dissolve time:	Ca. 30 min
Delayed solubility:	yes
Biostability:	yes

##### **Recommend Applications**

Interior paints
Exterior paints

##### **Typical Properties**

Thickening effect:	high	Water retention:	high
Pigment compatibility:	moderate	Wet scrub resistance:	high
Biostability:	moderate	Anti-Spattering:	moderate

##### **Packing & Storage**

1. Multi layer paper bag with inner PE film
2. 25kg/bag, 600kg/ pallet
3. 20' container: 12 Tons, 40' container: 24 Tons (with pallet)
4. Netural or blank bag available, OEM brand available
5. 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.