

TECHNICAL DATA SHEET: HEC 100

Description:

HEC HE100 is a non-ionic, water soluble cellulose ether, delayed solubility, which offers a variety of functional properties when added into cold/hot water directly. HEC 100 is modified to offer good properties of film-forming, thickening, enzyme resistance, liquidity and low-spillability & sagging for water based paints and decorative coatings. HEC100 is highly recommend as the high cost performance type in paints and coatings.

Specifications

Appearance:	white or off-white powder
Moisture content:	≤6 %
Ash content:	≤5 %
Bulk density:	300-600 g/l
pH value:	6-8
Particle size:	90% pass 80 mesh
Viscosity (Brookfield LV, 30rpm, 1%, 25°C):	3,500-6,000 mPa.s
Final dissolve time:	Ca. 30 min

Recommend Applications

Textured paints
Latex paints
Natural stone coating

Typical Properties

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

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, dry, and clean conditions, keep away from heat to aviod spread burning with oxygen. Safe handing is required to prevent dust with air from reaching explosive levels.

Shelf Life

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

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