

HYDROXYETHYL CELLULOSE

TECHNICAL DATA SHEET

HEC 52000

Description:

HEC **52000** is nonionic, bio-based and biodegradable water-soluble rheology modifiers that can thicken, suspend, emulsify and enhance the sensory experience for home care applications.

Specifications

Appearance:	white or off-white powder
Moisture content:	≤6 %
Ash content:	≤6 %
Bulk density:	300-600 g/l
pH value:	6.0-7.0
Particle size:	90% pass 80 mesh
Viscosity (Brookfield LV, 30rpm, 1%, 25°C):	2,000-3,000 mPa.s
Hydration time	5-15 minutes

Recommend Applications

Liquid detergents
Home care products

Typical Properties:

Thickening effect:	high	Transparency:	high
Surfactants compatibility:	high	Salt tolerance:	high
Biodegradability:	standard		

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. Neutral or blank bag available, OEM brand available
5. Store in cool, dry, and clean conditions, keep away from heat to avoid burn with oxygen. Safe handling is required to prevent dust with air from reaching explosive levels.

Shelf Life

When stored in the appropriate environment, HEC can be kept for 2 years. If over 2 years, please test and confirm the quality before using. It would absorb moisture from air, once opened, the bag must be resealed and kept tightly closed.

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