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HYDROXYETHYL CELLULOSE (DECACELL)

TECHNICAL DATA SHEET

Product Data

DECACELL is a nonionic, water-soluble hydroxyethyl cellulose surface-treated with glyoxal

Specifications

Appearance: off-white powder
Particle size: 90 % < 180 µm
Bulk density: 0.5~0.7g/cm³
Hydration time: 15-25 min.

Typical Properties

Degree of substitution: 2.0~2.5
Moisture: 6.0% max
pH value: 5.0~8.5
Ash content: 6.0% max
Viscosity at 20°C (2% solution, mPa.s)
(Brookfield RV 20RPM, Sp.6):
40000~50000

Applications

DECACELL is used in all types of water-based paints and surface coatings as a water-soluble, high efficiency thickener, water retention agent and rheology modifier.

DECACELL provides very good color acceptance, color development, and viscosity retention on tinting. It is also applied as a protective colloid, stabilizer and suspending agent, offering good pseudoplastic flow behavior and wide compatibility with other materials like emulsion polymers, gums, emulsifiers, defoamers, pigments, surfactants and preservatives.

Packaging & storage

Packed in 25kg compound paper bag with an inner PE bag, palletized and shrink wrapped. Keep it in cool, dry and clean conditions in its original packing and avoiding direct sunshine. Opened sacks should be used promptly to avoid the moisture absorption.

*The above information are based on our current experience and offered merely for your reference. They do not release the consumer from making tests and determining the suitability for his own processes and applications.