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TS[®] C2582

Hydrophobically Modified HydroxyethylCellulose (HMHEC)

Technical Data Sheet

Application scope

TS[®] C2582 cellulose ether is a kind of non-ionic, water-soluble polymer powder, which was developed to improve rheological performance of latex paints such as:

- Paints for interior wall
- Paints for exterior wall
- Stone paints
- Texture paints
- Limestone render

Recommended dosage of total dry mixed mortar

- 0.20-0.60%

Typical performance

- ✓ Good biostability, no viscosity loss
- ✓ Easy dispersion and dissolution in cool water, no lumps
- ✓ Outstanding spatter resistance
- ✓ Excellent color acceptance and development
- ✓ Good can stability

Storage and delivery

TS[®] C2582 cellulose ether belongs to hygroscopic and hydrophilic polymer powder, so it should be stored and delivered under dry and cool conditions in its original package form and away from heat. After opening the package for production, it must be resealed tightly to avoid ingress of moisture.

Shelf life

At least 2 years under cool and dry condition. For material storage over shelf life, quality confirmation test should be done before use.

Product safety

According to EU legislation on dangerous substances and preparations, TS[®] C2582 cellulose ether does not belong to hazardous material. Further information on safety aspects is given in Material Safety Data Sheet.

Typical properties

Grade	C2582
Chemical name	Hydroxyethyl Cellulose Ether (HEC)
Bulk density (kg/m ³)	300-600
Particle size (passing 0.212 mm)	≥ 92%
pH value	6.0-9.0
Viscosity (mPa·s)	2,600-3,800 ¹ /22,000-32,000 ²

Note

- 1) 1% water solution viscosity at 20°C with viscometer NDJ-5, spindle #3 at 12rpm, according to JC/T2190-2013.
- 2) 2% solution, Brookfield RV, 20rpm, 20°C.

All of data, suggestions, and proposals presented here are based on our current knowledge and experience in raw materials and application technologies, which do exclude the responsibility of users to scrutinize the quality of all received products. Because we are out of control of quality in users' raw materials, production and application methods, service conditions as well as local standards, our suggestions and proposals do not imply any guarantee and promise for end product quality. The users should be responsible for formulation adjustment according to real conditions to meet project quality requirements.