

PRODUCT DATA SHEET

TER CELL HEC BCF HYDROXYETHYLCELLULOSE (HEC)

Product Description

Hydroxyethylcellulose is a white or off-white powder. The hygroscopic product is tasteless and odorless and it is available in milling grade fine powder (PF).

Typical properties

Chemical Name	Hydroxyethylcellulose (HEC)
Average Molecular Substitution (EOOH)	2,1 – 2,4
Moisture (wt %)	max. 6
Ash (wt %) (as sulphate)	max. 5
pH- value	6.0 – 8.5
Appearance	white or off- white powder
Particle size (100% through)	PF (0,150 mm)

Viscosity specifications, Brookfield RVT at 20°C, m Pa s

Viscosity type ^{*1)}	Viscosity range [mPa s]	Concentration in water [%]	Spindle Nr.	Rotation speed [min ⁻¹]	Available types (✓)		
					Surface treatment ^{*2)}		Particle size PF
					with „S“	without	
6M	5.400 – 6.600	2	4	20	✓	✓	✓
15M	13.500 – 16.500	2	5	20	✓	✓	✓
30M	27.000 – 33.000	2	6	20	✓	✓	✓
40M	36.000 – 44.000	2	6	20	✓	✓	✓
50M	45.000 – 55.000	2	6	20	✓	✓	✓

*1) – other viscosity types are available on special request

*2) – „S“ surface-treated types

Description:

TER CELL HEC BCF 6M S PF viscosity: ~ 6.000 mPa s, with surface treatment, fine powder
TER CELL HEC BCF 50M PF viscosity: ~ 50.000 mPa s, without surface treatment, fine powder

Use

Used mainly in production of paints, building materials, detergents and cosmetics, medicine, chemicals etc.

Packaging and storage

25 kg polyethylene lined paper bags/plastic bags

It's recommended to use the product in rotation on a first- in first- out basis.

Storage under dry and clean condition in its original packaging and away from heat.

Health and safety

Please see separate Material Safety Data Sheet

CAS Name: Cellulose, 2- hydroxyethyl ether

CAS Nr.: 9004-62-0