PENTA ECP 5

Cellulose ethers with delayed solubility

Technical Data Sheet October 2020

DESCRIPTION

PENTA ECP 5 is a low-viscosity cellulose ether with delayed solubility in water. It solubilizes quickly and increases the viscosity of the system without creating lumps.

USE

Penta ECP 5 is a rheology modifier particularly suitable for mixtures containing latex and resins in dispersion to facilitate the mixing and the homogenization of the other components. The viscosity produced by **Penta ECP 5** makes admixtures mellow and thixotropic and allows them keeping these features for a long time.

TECHNICAL DATA

		Data	Method
		Hydroxypropyl methylcellulose	
	State:	Powder	Visual
	Colour:	White - beige	Visual
	Bulk density:	0.400 ÷ 0.600 kg/dm^3	IST. 10.07
	Granulometry:	Min. 90.0% < 0.180 mm	IST. 10.09
	Humidity:	Max. 4.0%	IST. 10.04
	Water solubility:	Totally soluble	IST. 10.21
Features of the aqueous solution	**Hydrogen-ion concentration (pH):** (sol. 2%)	6.0 ÷ 8.0	IST. 10.05
	Viscosity at 20°C: (sol. 2%, Brookfield LV)	4000 ÷ 6000 mPas	IST. 10.30

DOSAGE

The dosage of **Penta ECP 5** in water paints and cement-based admixtures is 0.2 - 1.0% of the total weigh of the finished product. Anyway, it is advisable to carry out preliminary tests in order to adapt the dosage to the required features.

STORAGE AND VALIDITY

If it is stored in a dry place and in the original bags kept perfectly closed, **Penta ECP 5** has a 12 months validity starting from the date on the delivery note. Please close bags after each collection.

PRECAUTIONS

Before its use, please refer to the Information Data Sheet.

PRECAUTIONS

25 kg paper bags.

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