

PENTA ECP 30

Cellulose ethers with delayed solubility

Technical Data Sheet November 2020

DESCRIPTION **PENTA ECP 30** is medium-viscosity cellulose ether with delayed solubility in water. It disperses quickly while increasing the viscosity of the system without forming lumps.

USE **Penta ECP 30** is a rheology modifier especially suitable for in admixtures containing latex and resins in dispersion to improve and keep the homogenization of all components. The viscosity that **Penta ECP 30** develops allows obtaining pasty and thixotropic admixtures, which maintain these characteristics for a long time.

TECHNICAL DATA	Data	Method
	Hydroxypropyl methylcellulose	
State:	Powder	Visual
Colour:	White - beige	Visual
Density:	0.400 ± 0.100 kg/dm ³	IST. 10.06
Granulometry:	Min. 85.0% < 0.300 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) at 20°C (solution 1%):	7.0 ÷ 10.0	IST. 10.05
	Viscosity at 20°C: (sol. 2%, Brookfield LV)	27000 ÷ 37000 mPas	IST. 10.30

DOSAGE The dosage of **Penta ECP 30** in water paints and cement-based admixtures is 0.1 - 1.0% of the total weigh of the finished product. It is advisable to carry out preliminary tests in order to establish the optimal dosage for the required features.

STORAGE AND VALIDITY If it is stored in a dry place and in the original bags kept perfectly closed, **Penta ECP 30** has a 12 months validity starting from the date on the delivery note. It is advisable to close the bags carefully after each collection.

PRECAUTIONS Before using it, please check its information sheet.

PACKAGING 25 kg paper bags.

All the data stated in this technical sheet are based on the best of our knowledge and experience. It is advisable to carry out preventive tests. In any case, PENTACHEM does not assume any responsibility for any damage or defect caused by the use of our products, as the employment conditions are not under our control. We also inform that our technical service is at our customers' disposal for any information concerning the correct employment of our products.