

PENTA ECP 30

Delayed-solubility cellulose ether

Technical Data Sheet October 2025

PRESENTATION **Penta ECP 30** is a medium-viscosity cellulose ether with delayed solubility in water. It disperses quickly, gradually increasing the viscosity of the system without forming lumps.

USE **Penta ECP 30** is a rheological modifier particularly suitable for use in mixtures containing latexes and dispersion resins, to improve and maintain the homogenization of all components. The viscosity produced by **Penta ECP 30** allows the creation of paste-like and thixotropic mixtures that maintain this characteristic for a long time.

TECHNICAL DATA	Data	Method
Composition:	Hydroxypropyl methyl cellulose	
State:	Powder	Visual
Color:	Ivory-white	Visual
Bulk density:	0.400 ÷ 0.600 kg/dm ³	IST. 10.07
Granulometry:	Min. 90% < 0.180 mm	IST. 10.09
Moisture:	Max. 8.0%	IST. 10.04
Solubility in water:	Total	IST. 10.21

CHARACTERISTICS OF THE AQUEOUS SOLUTION	Viscosity at 20°C: (2% solution, Brookfield RV)	30000 ÷ 40000 mPa.s	IST. 10.30
	pH (2% solution):	6.0 ÷ 9.0	IST. 10.05

DOSAGE The dosage of **Penta ECP 30** in water-based paints and cement mixtures is normally 0.1 – 1.0% of the total weight of the mixture. However, it is advisable to carry out specific tests to adjust the dosage to your requirements.

STORAGE AND VALIDITY **Penta ECP 30** stored in a cool, dry place in its original, tightly closed bags has a shelf life of 12 months from the date of the delivery note. It is therefore advisable to reseal the bags carefully after each use.

PRECAUTIONS Before use, it is recommended to read the relevant safety data sheet.

PACKAGING 25 kg paper bags

All the data stated in this technical sheet is 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.