



Technical Data sheet

HIDROXIPROPILMETILCELULOSA 3600 (HIPROMELOSA 3500)		
DESCRIPTION DCI: HYPROMELLOSE		DESCRIPTION DOE: HIPROMELOSA
CAS Nº: 9004-65-3	EC Nº: 618-389-6	AEMPS CODE: ---
MOL. WEIGHT: ---	MOL. FORMULA: ---	ARTICLE CODE: 002350

ATTRIBUTES	SHOULD BE
Appearance	White, yellowish-white or greyish-white powder or granules, hygroscopic after drying.
Solubility	Practically insoluble in hot water, in acetone, in anhydrous ethanol and in toluene. It dissolves in cold water giving a colloidal solution.
Identification A	Complies
Identification B	Complies
Identification C	Complies
Identification D	Complies
Identification E	Complies
Appearance of solution	The solution is not more opalescent than ref. suspension III and not more intensely coloured than ref. solution Y6.
pH	5.0 - 8.0
Viscosity	2700 - 5040 mPa·s
Loss on drying	=< 5.0 %
Sulfated ash	=< 1.5 %
Assay	
Hydroxypropoxy groups content	7.0 - 12.0 %
Methoxy groups content	28.0 - 30.0 %

COMPLIES WITH

European Pharmacopoeia 9.0

STORAGE

Keep tightly closed in a cool, dry place away from heat, flames, sparks and other sources of ignition.

REMARKS

Properties

It is non-ionic in nature and highly resistant to electrolytes.

Applications

Protective colloid useful as dispersing agent and thickener. In ophthalmic solutions it provides the demulcent action and the viscous properties essential for the use of contact lenses, as well as in artificial tears formulas.

Posology

To form gels, 2 or 3% is used