

TECHNICAL SPECIFICATION

HX—MODIFIED HYDROXIETHYL CELLULOSE

DESCRIPTION

The range HX corresponds to the range of hydroxyethyl celluloses modified for better resistance against enzymatic attacks, and also to offer an easy and retarded solution, so it is a general thickener for all aqueous base systems.

Surface characteristics of HX grades ensure particle dispersion, avoiding coalescence. The range HX improves water retention to provide products with great stability during drying process.

Grades HX are chemically inert and are therefore highly compatible with the other compounds of the system, ensuring a longer useful life of the product.

CAS nº: 9004-62-0
EINECS: 618-378-5
Quality: Technic

APPLICATIONS

Polymerization of emulsions (grades with low viscosity)
Water based paints and decorative coverings

PHYSICO-CHEMICAL CHARACTERISTICS

Parameters	Specifications
Moisture	≤ 5.0 %
Ash content	≤ 2.0 %
pH	6.0 - 8.5
Particle size	
< 0.180 mm (80 Mesh)	≥ 98.5 %
< 0.150 mm (100 Mesh)	≥ 90.0 %

Cellulose	Viscosity *
HX C1	280—500
HX C2	4000—5500
HX C3	12000—15000
HX C4	18000—25000
HX C5	25000—35000
HX C6	45000—55000
HX C7	55000—65000
HX C8	70000—75000

*Viscosity 2.0%, 20°C ± 2°C, Brookfield RV, 20rpm, 2cps (mPa.s)