



Technical Data Sheet

MATERIAL:	Hydroxypropyl cellulose
CATALOG NUMBER:	403
CAS NUMBER:	9004-64-2
DESCRIPTION:	Hydroxypropyl cellulose ether
FORMULA:	Unspecified
TYPICAL PROPERTIES:	
Appearance:	Powder
Approx Mw:	300,000
Softening point:	130°C
Refractive index:	n_D^{20} 1.5600
Solubility:	Cellosolve, chloroform, dioxane, DMF, DMSO, ethanol, methanol, propylene glycol, pyridine, THF, water

GENERAL INFORMATION: Manufactured by reacting alkali cellulose with propylene oxide at elevated temperatures and pressures. Hydroxypropyl cellulose is a nonionic water-soluble cellulose ether with a remarkable combination of properties. It combines organic solvent solubility thermoplasticity and surface activity with exceptional thickening and stabilizing properties. It has found use in a wide variety of applications such as adhesives, binders, coatings for textiles and papers, printing inks and paint removers.

STRUCTURE:

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