



## Technical Data Sheet

**MATERIAL:** Hydroxypropyl cellulose

**CATALOG NUMBER:** 402

**CAS NUMBER:** 9004-64-2

**DESCRIPTION:** Hydroxypropyl cellulose ether

**FORMULA:** Unspecified

**TYPICAL PROPERTIES:**

Appearance:	Granular
Approx Mw:	100,000
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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