SCIENTIFIC POLYMER PRODUCTS, INC.
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Technical Data Sheet

MATERIAL: Hydroxypropyl cellulose

CATALOG NUMBER: 401

CAS NUMBER: 9004-64-2

DESCRIPTION: Hydroxypropyl cellulose ether

FORMULA: Unspecified

TYPICAL PROPERTIES:

Appearance:	Powder
Approx Mw:	60,000
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:

Technical information and data regarding the composition, properties or use of the products described herein is believed reliable. However, no representation or warranty is made with respect thereto except as made by Sp² in writing at time of sale. Sp² cannot assume responsibility for any patent liability which may arise from the use of any product in a process, manner or formula not designed by Sp².