



## Technical Data Sheet

**MATERIAL:** Ethyl cellulose

**CATALOG NUMBER:** 142

**CAS NUMBER:** 9004-57-3

**DESCRIPTION:** Ethyl ether of cellulose

**FORMULA:** Unspecified

**TYPICAL PROPERTIES:**

Appearance:	Powder
Ethoxyl content:	50%
Degree of substitution:	2.5
Viscosity:	100 cp (5% solution in 80/20 toluene/ethanol @ 25°C)
Refractive index:	$n_D^{20}$ 1.47
Density:	1.14
Glass transition temp:	43°C
Flash point:	>300°F
Solubility parameter:	10.3
Softening point:	157°C
Solubility:	Benzene, carbon tetrachloride, ethylene dichloride, methylene chloride, toluene, xylene

**GENERAL INFORMATION:** Prepared from alkali cellulose and ethyl chloride. Ethyl cellulose can be melt processed and finds use in applications such as paper and textile coatings, gel lacquers, strippable coatings and injection molded parts such as refrigerator bases and ice-crusher parts.

**STRUCTURE:**