



Technical Data Sheet

MATERIAL:	Poly(2-hydroxyethyl methacrylate)												
CATALOG NUMBER:	815												
CAS NUMBER:	25249-16-5												
DESCRIPTION:	Homopolymer of 2-hydroxyethyl methacrylate												
FORMULA:	$(C_6H_{10}O_3)_x$												
TYPICAL PROPERTIES:	<table><tr><td>Appearance:</td><td>Powder</td></tr><tr><td>Approx Mw:</td><td>1,000,000</td></tr><tr><td>Refractive index:</td><td>n_D^{20} 1.5119</td></tr><tr><td>Glass transition temp:</td><td>55°C</td></tr><tr><td>Density:</td><td>1.15</td></tr><tr><td>Solubility:</td><td>DMF, methanol, methyl cellosolve</td></tr></table>	Appearance:	Powder	Approx Mw:	1,000,000	Refractive index:	n_D^{20} 1.5119	Glass transition temp:	55°C	Density:	1.15	Solubility:	DMF, methanol, methyl cellosolve
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Glass transition temp:	55°C												
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Solubility:	DMF, methanol, methyl cellosolve												
GENERAL INFORMATION:	Poly(2-hydroxyethyl methacrylate) has been used in a variety of applications including contact lenses, dentures, drug delivery systems, controlled release devices in agriculture, and as burn dressings.												
STRUCTURE:													

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