



Technical Data Sheet

MATERIAL:	Poly(methyl methacrylate)														
CATALOG NUMBER:	424														
CAS NUMBER:	9011-14-7														
DESCRIPTION:	Homopolymer of methyl methacrylate														
FORMULA:	$(C_5H_8O_2)_x$														
TYPICAL PROPERTIES:	<table><tr><td>Appearance:</td><td>Powder</td></tr><tr><td>Approx Mw:</td><td>15,000 [GPC]</td></tr><tr><td>Density:</td><td>1.20</td></tr><tr><td>Inherent viscosity:</td><td>0.11</td></tr><tr><td>Refractive index:</td><td>n_D^{20} 1.490</td></tr><tr><td>Glass transition temp:</td><td>105°C</td></tr><tr><td>Solubility:</td><td>Acetone, benzene, chloroform, MEK, THF</td></tr></table>	Appearance:	Powder	Approx Mw:	15,000 [GPC]	Density:	1.20	Inherent viscosity:	0.11	Refractive index:	n_D^{20} 1.490	Glass transition temp:	105°C	Solubility:	Acetone, benzene, chloroform, MEK, THF
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GENERAL INFORMATION:	Polymethyl methacrylates are characterized by crystal clear transparency, unexcelled weatherability and a useful combination of stiffness, density and toughness. Applications include adhesives, inks and a wide variety of coating formulations for plastics, metals, concrete, wood and paper.														
STRUCTURE:															

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