



## Technical Data Sheet

<b>MATERIAL:</b>	Poly(methyl methacrylate)
<b>CATALOG NUMBER:</b>	424
<b>CAS NUMBER:</b>	9011-14-7
<b>DESCRIPTION:</b>	Homopolymer of methyl methacrylate
<b>FORMULA:</b>	$(C_5H_8O_2)_x$

**TYPICAL PROPERTIES:**

Appearance:	Powder
Approx Mw:	15,000 [GPC]
Density:	1.20
Inherent viscosity:	0.11
Refractive index:	$n_D^{20}$ 1.490
Glass transition temp:	88°C
Solubility:	Acetone, benzene, chloroform, MEK, THF

**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:**