



Technical Data Sheet

MATERIAL:	Poly(phenyl methacrylate)	
CATALOG NUMBER:	227	
CAS NUMBER:	25189-01-9	
DESCRIPTION:	Homopolymer of phenyl methacrylate	
FORMULA:	$(C_{10}H_{10}O_2)_x$	
TYPICAL PROPERTIES:	Appearance:	Powder
	Approx Mw:	100,000 [GPC]
	Refractive index:	n_D^{20} 1.571
	Density:	1.21 (20°C)
	Glass transition temp:	110°C
	Solubility:	Benzene, MEK, THF, toluene, xylene
GENERAL INFORMATION:	Atactic homopolymer of phenyl methacrylate prepared by free radical polymerization.	

STRUCTURE: