



Technical Data Sheet

MATERIAL:	Poly(tetramethylene ether) glycol																				
CATALOG NUMBER:	758																				
CAS NUMBER:	25190-06-1																				
DESCRIPTION:	Poly(1,4-oxybutylene) glycol; Polytetrahydrofuran																				
FORMULA:	$(C_4H_8O)_xH_2O$																				
TYPICAL PROPERTIES:	<table><tr><td>Appearance:</td><td>Fused mass</td></tr><tr><td>Approx Mw:</td><td>2,900</td></tr><tr><td>Density:</td><td>0.97 (40°C)</td></tr><tr><td>Refractive index:</td><td>n_D^{25} 1.464</td></tr><tr><td>Viscosity:</td><td>3,200-4,200cp (40°C)</td></tr><tr><td>Hydroxyl number:</td><td>38</td></tr><tr><td>Melting point:</td><td>40°C</td></tr><tr><td>Boiling point:</td><td>> 204°C</td></tr><tr><td>Flash point:</td><td>325°F</td></tr><tr><td>Solubility:</td><td>Alcohol; slightly in water; insoluble in ether</td></tr></table>	Appearance:	Fused mass	Approx Mw:	2,900	Density:	0.97 (40°C)	Refractive index:	n_D^{25} 1.464	Viscosity:	3,200-4,200cp (40°C)	Hydroxyl number:	38	Melting point:	40°C	Boiling point:	> 204°C	Flash point:	325°F	Solubility:	Alcohol; slightly in water; insoluble in ether
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GENERAL INFORMATION:	This polymer finds application as the flexible segment in urethane elastomers, fibers, coatings and adhesives and is also of interest in polyester modification.																				

STRUCTURE:

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