



## Technical Data Sheet

<b>MATERIAL:</b>	Poly(tetramethylene ether) glycol																				
<b>CATALOG NUMBER:</b>	757																				
<b>CAS NUMBER:</b>	25190-06-1																				
<b>DESCRIPTION:</b>	Poly(1,4-oxybutylene) glycol; Polytetrahydrofuran																				
<b>FORMULA:</b>	$(C_4H_8O)_xH_2O$																				
<b>TYPICAL PROPERTIES:</b>	<table><tr><td>Appearance:</td><td>Fused mass</td></tr><tr><td>Approx Mw:</td><td>650</td></tr><tr><td>Density:</td><td>0.978 (40°C)</td></tr><tr><td>Refractive index:</td><td><math>n_D^{25}</math> 1.462</td></tr><tr><td>Viscosity:</td><td>100-200 cp (40°C)</td></tr><tr><td>Hydroxyl number:</td><td>170</td></tr><tr><td>Melting point:</td><td>15°C</td></tr><tr><td>Boiling point:</td><td>&gt; 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:	650	Density:	0.978 (40°C)	Refractive index:	$n_D^{25}$ 1.462	Viscosity:	100-200 cp (40°C)	Hydroxyl number:	170	Melting point:	15°C	Boiling point:	> 204°C	Flash point:	325°F	Solubility:	Alcohol; slightly in water; insoluble in ether
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<b>GENERAL INFORMATION:</b>	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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