



Technical Data Sheet

MATERIAL:	Poly(tetramethylene ether) glycol
CATALOG NUMBER:	1022
CAS NUMBER:	25190-06-1
DESCRIPTION:	Poly(1,4-oxybutylene) glycol; Polytetrahydrofuran
FORMULA:	$(C_4H_8O)_xH_2O$

TYPICAL PROPERTIES:

Appearance:	Liquid
Approx Mw:	250
Density:	0.978 (40°C)
Refractive index:	n_D^{25} 1.464
Viscosity:	40-70 cp (40°C)
Hydroxyl number:	450
Melting point:	-5°C
Flash point:	325°F
Solubility:	Alcohol, aromatic and chlorinated hydrocarbons, esters, ketone, water

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:

