



## Technical Data Sheet

**MATERIAL:** Poly(propylene glycol)

**CATALOG NUMBER:** 481

**CAS NUMBER:** 25322-69-4

**DESCRIPTION:** Polyether polyol

**FORMULA:**  $(C_3H_6O)_xH_2O$

**TYPICAL PROPERTIES:**

|                   |                                                               |
|-------------------|---------------------------------------------------------------|
| Appearance:       | Liquid                                                        |
| Approx Mw:        | 2,000                                                         |
| Viscosity:        | 160 cs (38°C)                                                 |
| Density:          | 1.002 (25°C)                                                  |
| Refractive index: | 1.449                                                         |
| Hydroxyl number:  | 58mg KOH/g.                                                   |
| Pour point:       | -30°C                                                         |
| Flash point:      | 341°F                                                         |
| Solubility:       | Acetone, benzene, chloroform,<br>dioxane, THF, toluene, water |

**GENERAL INFORMATION:** Prepared by the anionic polymerization of propylene oxide. Primary application areas include the production of surfactants and polyurethane foams.

**STRUCTURE:**

