



## Technical Data Sheet

|                        |  |
|------------------------|--|
| <b>MATERIAL:</b>       | Polydimethylsiloxane, ethoxy terminated              |
| <b>CATALOG NUMBER:</b> | 812  |
| <b>CAS NUMBER:</b>     | 70851-25-1   |
| <b>DESCRIPTION:</b>    | Homopolymer of dimethylsiloxane, diethoxy terminated |
| <b>FORMULA:</b>        | $(C_2H_6OSi)_x(C_2H_5O)(C_2H_5)$                     |

**TYPICAL PROPERTIES:**

|                |                         |
|----------------|-------------------------|
| Appearance:    | Liquid                  |
| Approx Mw:     | 1,000                   |
| Viscosity:     | 6-11 cs                 |
| Density:       | 0.94                    |
| Functionality: | 7-13 wt%                |
| Solubility:    | THF; insoluble in water |

**GENERAL INFORMATION:** Ethoxy terminated polydimethylsiloxanes contain hydrolysable endgroups and can be used for chain extension and block copolymer synthesis.

**STRUCTURE:**