



## Technical Data Sheet

<b>MATERIAL:</b>	Polydimethylsiloxane, chlorine terminated
<b>CATALOG NUMBER:</b>	810
<b>CAS NUMBER:</b>	67923-13-1
<b>DESCRIPTION:</b>	Homopolymer of dimethylsiloxane, dichloro terminated
<b>FORMULA:</b>	$(C_2H_6OSi)_n(C_2H_6SiCl)(C_2H_6SiClO)$

**TYPICAL PROPERTIES:**

Appearance:	Liquid
Approx Mw:	500
Viscosity:	2-5 cs
Density:	1.00
Functionality:	13-16 wt%
Solubility:	THF; insoluble in water

**GENERAL INFORMATION:** Chlorine terminated polysiloxanes contain hydrolyzable functionality and are usually employed in chain extension and block copolymer synthesis, particularly urethanes and polycarbonates.

**STRUCTURE:**