



## Technical Data Sheet

<b>MATERIAL:</b>	Polydimethylsiloxane, dihydroxy terminated
<b>CATALOG NUMBER:</b>	805
<b>CAS NUMBER:</b>	31692-79-2
<b>DESCRIPTION:</b>	Dihydroxy terminated homopolymer of dimethylsiloxane
<b>FORMULA:</b>	$(C_2H_6OSi)_xH_2O$

**TYPICAL PROPERTIES:**

Appearance:	Liquid
Approx Mw:	550
Viscosity:	15-35 cs
Density:	0.95
Functionality:	4-6 wt%
Solubility:	THF, toluene, insoluble in water

**GENERAL INFORMATION:** Terminal silanol groups render polydimethylsiloxanes susceptible to condensation under both mild acid and base conditions. They are intermediates for most room temperature vulcanizeable (RTV) silicones.

**STRUCTURE:**