



## Technical Data Sheet

<b>MATERIAL:</b>	Polydimethylsiloxane, dihydroxy terminated
<b>CATALOG NUMBER:</b>	806
<b>CAS NUMBER:</b>	70131-67-8
<b>DESCRIPTION:</b>	Dihydroxy terminated homopolymer of dimethylsiloxane
<b>FORMULA:</b>	$(C_2H_6OSi)_xH_2O$

**TYPICAL PROPERTIES:**

Appearance:	Liquid
Approx Mw:	36,000 [GPC]
Viscosity:	2,000 cs
Density:	0.98
Functionality:	0.09 wt%
Boiling point:	> 204°C
Flash point:	> 400°F
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:**