



Technical Data Sheet

MATERIAL:	Polydimethylsiloxane, dihydroxy terminated
CATALOG NUMBER:	805
CAS NUMBER:	70131-67-8
DESCRIPTION:	Dihydroxy terminated homopolymer of dimethylsiloxane
FORMULA:	$(C_2H_6OSi)_xH_2O$

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: