

Product Comparison Clearco PPM-500 Phenylmethyl & Dow Corning® 710 Fluid

	Clearco PPM-500	Dow Corning® 710 Fluid
CAS#	9005-13-3	63148-58-3
Chemical Name	Phenylmethylsiloxane	Phenylmethylsiloxane
Viscosity @ 25°C	500	500
Viscosity/ Temp Coefficient	0.88	0.79
Pour Point °C	-20°C	-22°C
Gel Time, hours @ 250°C in air	1,500 to 2,000hrs	Similar
Specific Gravity	1.11	1.11
Refractive Index	1.533	Similar
Surface Tension	28.5	
Dielectric Constant @ 25°C	2.95	2.95
Flashpoint °C	300°C	308°C
Ignition Temp °C	487°C	487°C
Molecular weight	2,500 – 2,700	