

DV SILICONE 702 (Formally Silicone 72) TYPICAL CHARACTERISTICS

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Silicone 702 (Phenyl-Methyl Silicone) provides very similar performance characteristics to Silicone 704. Extensively used in heat treatment and investment casting applications where high auto-ignition temperatures are desirable. Silicone 702 provides exceptionally high resistance to oxidation and thermal stability when compared with mineral diffusion pump oils. Direct equivalent of DC702.

Saturated Vapour Pressure @ 25°C <u>Test sample 400g</u>	2.5 X 10 ⁻⁶ Mbar.
Average Boiling Range @ 5.0 X 10 ⁻¹ Mbar	35°C
Mid Range Boiling @ 5.0 X 10 ⁻¹ Mbar	182°C
Initial Boiling Point @ 5.0 X 10 ⁻¹ Mbar	155°C <0.1gr = 0.025% Wt.
Molecular Weight (estimated)	450g/mol.
Flash Point	>230°C
Viscosity @ 40°C	29.00cSt.
Specific Gravity @ 25°C (Density)	1.07/cm ³
Colour	Water white/straw yellow tint
Oil Type: Silicone Oil	Phenyl Methyl