

DURAVAC

SILICONE 702 Pump Fluid (Formerly Silicone 72)

TYPICAL CHARACTERISTICS

Rev:15-MAR-2012

Silicone 702 (Phenyl-Methyl Silicone) provides a drop in replacement for popular products such as DC 702, and in many cases can provide additional pumping speed characteristics. 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.

- **Saturated Vapour Pressure @ 25°C - Test sample 400g:** 2.5×10^{-6} Mbar.
- **Average Boiling Range @ 5.0×10^{-1} Mbar:** 35°C
- **Mid Range Boiling @ 5.0×10^{-1} Mbar:** 182°C
- **Initial Boiling Point @ 5.0×10^{-1} Mbar 155°C <0.1gr:** = 0.025% Wt.
- **Molecular Weight (estimated):** 450g/mol.
- **Flash Point:** >230°C
- **Viscosity @ 40°C Nominal:** 20.00cSt.
- **Specific Gravity @ 25°C (Typical):** 1.07/cm³
- **Colour:** Water white/straw yellow tint
- **Oil Type:** Silicone Oil Phenyl Methyl.

Duravac Products Limited strives to make all information as accurate as possible. However we recommend that users take all appropriate measures to ensure that all products are suitable for the purposes for which they are to be used.