

# DURAVAC

**DURAVAC PRODUCTS LIMITED**  
UNIT 170 JOHN WILSON BUSINESS PARK  
WHITSTABLE, KENT, CT5 3RA  
TEL:01227 770828 -FAX:01227 770878  
Email: [sales@duravac.co.uk](mailto:sales@duravac.co.uk)

## DURAVAC SIL 702 SILICONE DIFFUSION PUMP OIL

Silicone 702 (Phenyl-Methyl Silicone) provides a drop in replacement for popular products such as DC 702, where ultimate vacuum and pumping speeds are of prime importance. 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.

### TYPICAL CHARACTERISTICS

<b>Saturated Vapour Pressure @ 25°C</b>	2.5 X 10 <sup>-6</sup> torr
<b>Average Boiling Range @ 5.0 X 10<sup>-1</sup> torr</b>	30°C
<b>Mid Range Boiling @ 5.0 X 10<sup>-1</sup> torr</b>	182°C
<b>Initial Boiling Point @ 5.0 X 10<sup>-1</sup> torr= 155°C</b>	<0.1gr: = 0.025% Wt.
<b>Molecular Weight (typical)</b>	450g/mol
<b>Flash Point (C.o.C)</b>	193°C
<b>Viscosity @ 40°C Nominal</b>	17cst
<b>Viscosity @ 25°C Nominal</b>	32cst
<b>Specific Gravity @ 25°C (Typical):</b>	1.07
<b>Colour</b>	Water white
<b>Oil Type</b>	Phenyl-methyl