

DURALENE 5

Typical Characteristics

Rev:12-FEB-2012

Polyphenyl-Ether is a highly refined diffusion pump fluid recommended for use within the pressure range of 10^{-9} to 10^{-10} Mbar. An outstanding feature of this product is its extraordinary resistance to oxidation, coupled with extremely low rates of back streaming and creep, resulting in a cleaner working chamber environment when compared with other fluids.

- **Vapour Pressure @ 20°C** : 2.7×10^{-10} Mbar.
- **Viscosity @ 20°C** : 2400 cSt.
- **Viscosity @ 40°C** : 370 cSt.
- **Flash Point C.O.C.** : 288°C
- **Density @ 20°C** : 1.20g/cm³
- **Molecular Weight (average)** 446/mol.