

Oil M 50

Product Description Oil M 50 is a 100% polydimethylsiloxane of viscosity 50 mm²/s. The product differs from organic materials in its physical and chemical properties such as high and low temperature stability, good dielectric properties, low interfacial energy, and chemical inertness. Oil M 50 can be used in a wide range of applications ranging from heat transfer media and hydraulic fluids to polish and antifoam formulation.

Key Performance Properties

- High and low-temperature stability
- Low pour point
- Low temperature and pressure dependence of viscosity
- Good dielectric characteristics
- Low interfacial energy
- High surface activity
- High compressibility
- Chemical inertness

Applications

- Heat transfer media
- Hydraulic fluids
- Dielectrics fluids
- Water repellents
- Polishes
- Lubricants
- Antifoams
- Mould release agents

Typical Product Data

Property	Unit	Value
Viscosity at 25°C	mm ² / s	50
Density at 25 °C	g/cm ³	0.96
Pour point	°C	~ - 60
Flash point	°C	~ 280
Ignition point	°C	> 400

Specifications Typical product data values should not be used as specifications. Assistance and specifications are available from Momentive performance materials.

Containers Oil M 50 is available in 50 kg cans, 200 kg drums, and 950 kg totes.

Handling and Safety Material Safety Data Sheets are available upon request from Momentive performance materials. Similar information for solvents and other chemicals used with Momentive performance materials products should be obtained from suppliers. When solvents are used, proper safety precautions must be observed.

Storage and Warranty Period The warranty period is 24 months from date of shipment from Momentive performance materials if stored in the original unopened container protected from moisture.



PRINCIPAL LOCATIONS – Regional Information

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