

Product Data

Silicone Fluid XF42-334

XF42-334 is a methyl alkyl-aralkyl functional silicone fluid useful for lubricating, hydraulic and release applications.

KEY PERFORMANCE PROPERTIES

- ◆ Good lubricity
- ◆ Excellent release property
- ◆ Excellent thermal stability
- ◆ No mineral acid formation
- ◆ Good viscosity-temperature characteristics
- ◆ Paintability

APPLICATION

- ◆ Aluminum die-casting mold release
- ◆ Lubrication impregnant for sintered-bronze, stainless steel and iron bushings
- ◆ Lubricant or release agent for rubber on rubber, rubber on plastics, plastics on plastics
- ◆ Paint additives for leveling improvement
- ◆ Raw material for defoaming agent

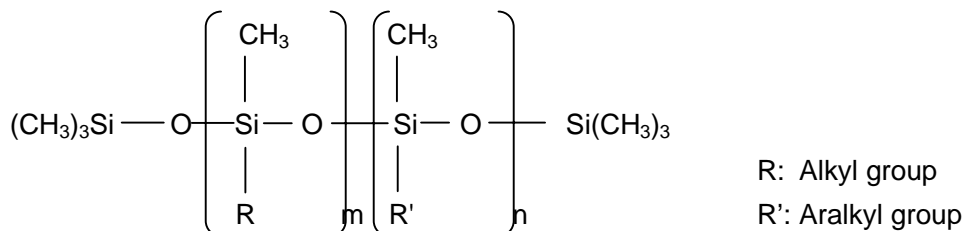
TYPICAL PROPERTY DATA

PROPERTIES	
Appearance	Light brown, transparent
Specific gravity (25°C)	1.00
Viscosity (25°C) mm ² /s {cSt}	1,300 {1,300}
VTC*	0.77
Refractive index (n _D ²⁵)	1.490
Surface tension (25°C) mN/m {dyn/cm}	27.5 {27.5}
Pour point °C	-40 max
Flash point °C	326
Weight loss (150°C, 24h) %	2.0

*VTC (Viscosity Temperature Coefficient) = $1 - \text{Viscosity at } 98.9^{\circ}\text{C} / \text{Viscosity at } 37.8^{\circ}\text{C}$

Typical property data values should not be used as specifications.

CHEMICAL STRUCTURE



SOLUBILITY

Soluble	Toluene, Mineral sprits, Methyl ethyl ketone, Liquid paraffin
Insoluble	Isopropanol, Methyl cellosolve, Water, Dimethyl silicone fluid

HANDLING AND SAFETY

- ◆ Wear eye protection, protective gloves at all times when working with this product.
- ◆ Use the product in a well ventilated area

STORAGE

- ◆ Store in a dark, cool place out of direct sunlight.
- ◆ Keep out of the reach of the children.

PACKAGING

- ◆ 15kg can available
- ◆ 200kg drum

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