



Heat Transfer Fluid

510



Silicone Heat Transfer Fluid 510 is a methyl-phenyl polysiloxane fluid designed for applications that require ultra violet light protection or applications that require thermal stability at high temperatures. The working temperature range for silicone bath fluid is 0°C to 88°C. The fluid viscosity is 14cs.

Packaging
1 GALLON / 3.8L
DECON CATALOG NO. 2101

MATERIAL DESCRIPTION

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|--|------------------------------|
| ● Appearance | Clear, odorless fluid |
| ● Viscosity (cst @ 25°C) | 14 |
| ● Ionic Characteristic | Nonionic |
| ● Refractive Index (@ 25°C) | 1.498 |
| ● Specific Gravity (@ 25°C) | 0.995 |
| ● Flash Point (C, Open Cup) | >100 |
| ● Max. Volatility (% wt loss 24 hours @150°C) | <20 |

APPLICATIONS:

For coatings applications that require UV resistance, incorporate a 1.0 % to 4.0 % of the Heat Transfer Fluid into the formulation on a weight to weight basis.

CHARACTERISTICS: Excellent compatibility with various resins and silicone fluids. Good water resistance and stability when exposed to heat and ultraviolet rays. Excellent non-adhesion properties.

STORAGE: Store in a sealed container at temperatures between 5 °C and 30 °C. Silicone Heat Transfer Fluid has a prolonged shelf life.

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