

Thermal M

JULABO Thermal M is a bath fluid based on alcohol ethoxylate.

Please note: Usage of the fluid below the lowest mentioned working temperature may result in temperature fluctuation or high temperature alarm due to hot fluid areas around the heater. Recommendation: Reduce the heater capacity during heating up until the lowest mentioned working temperature is reached. Please observe the information in our safety data sheet.



Advantages:

- High stability
- Low viscosity
- Good heat conductivity
- Minimum odor
- Long fluid life

Technical data

Order number 5 liters	8940101
Order number 10 liters	8940100
Working temperature	+70 ... +170
Flash point	+284 °C
Fire point	+306 °C
Viscosity (kinematic at 20 °C)	293 mm ² /s
Density (at 20 °C)	1.15 g / cm ³
Pour point	-39 °C
Boiling point	>+170 °C
Ignition temperature	>+255 °C
Thermal expansion coefficient	0.00077 (g/(ml × K))
Heat conductivity	0.2 (W/(m × K))
Specific volume resistivity	n.a. (Ohm × cm)