

## TYPICAL PROPERTIES OF AP THERM® D12

PARTICULARS	AP THERM® D12
Temperature	(-85 to 260°C) ( -121 to 500°F)
Composition	Synthetic Hydrocarbons
Appearance	Clear water white Liquid
Max. bulk Temperature	260°C(500°F)
Max. film Temperature	280°C
Flash Point (COC)	Min 62°C (144°F)
Auto Ignition Temperature	Above 275°C (527°F)
Normal Boiling point	194°C (381°F)
Coefficient of thermal expansion @ 100 °C	0.00112/°C(0.00062/°F)
Moisture content	70 PPM
Density @15°C	776
Fire Point	216°C
Copper corrosion EN ISO 2160	<1a
Kinematic viscosity @ 40 °C	1.2 CST
Pour Point	-25°C(-13°F)
Chlorine content DIN 51777-3	<0.005%
Total acidity	<0.2 mg KOH/g
Heat of vaporization at maximum use temperature	198 kj/kg(85.2 Btu/lb)

The provided data are based on laboratory-tested samples and may not be applicable to all samples. For detailed sales specifications of AP THERM® D12 fluid, Please reach out to us. This information does not constitute an express warranty.