

## TECHNICAL DATA SHEET

### XP-3288

**Trade Name:** Perfluorotripropylamine

**CAS No.:**338-83-0

**Applied for**

- Heat transfer used for applications in Semiconductor/data centers/aviation electronics /power electronics/high performance computing
- Electronics testing

**Physical Properties**

Properties	XP-3288
Appearance	Clear, colorless liquid
Average Molecular Weight	521 (g/mol)
Boiling Point (1 atm)	128 (°C)
Pour Point	-65 (°C)
Calculated Critical Temperature	235 (°C)
Calculated Critical Pressure	1.22 ( Mpa)
Vapor Pressure	1200 (Pa)
Latent Heat of Vaporization (at normal boiling point)	78 (kJ/kg)
Liquid Density	1820 (kg/m <sup>3</sup> )
Kinematic Viscosity	0.75 ( cSt)
Absolute Viscosity	1.4( cP)
Liquid Specific Heat	1100 (J/kg-K)
Liquid Thermal Conductivity	0.066 (W/m-K)
Coefficient of Expansion	0.0014 ( K <sup>-1</sup> )
Refractive Index	1.28
Surface Tension	14.6 (mN/m)
Volume resistivity	10 <sup>15</sup> (Ohm-cm)
Ozone Depletion Potential	0
Dielectric Strength , 0.1”gap	>40
Dielectric Constant	1.9

**Application:**

Fully-fluorinated liquid ideal for use in many single phase heat transfer applications in the semiconductor manufacturing industry.

**Packing:**

5kgs/Drum (Drum capacity:4L) 、 20kgs/Drum (Drum capacity:15L) 、  
 250kgs/Drum (Drum capacity:200L)

**Storage:**

Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.