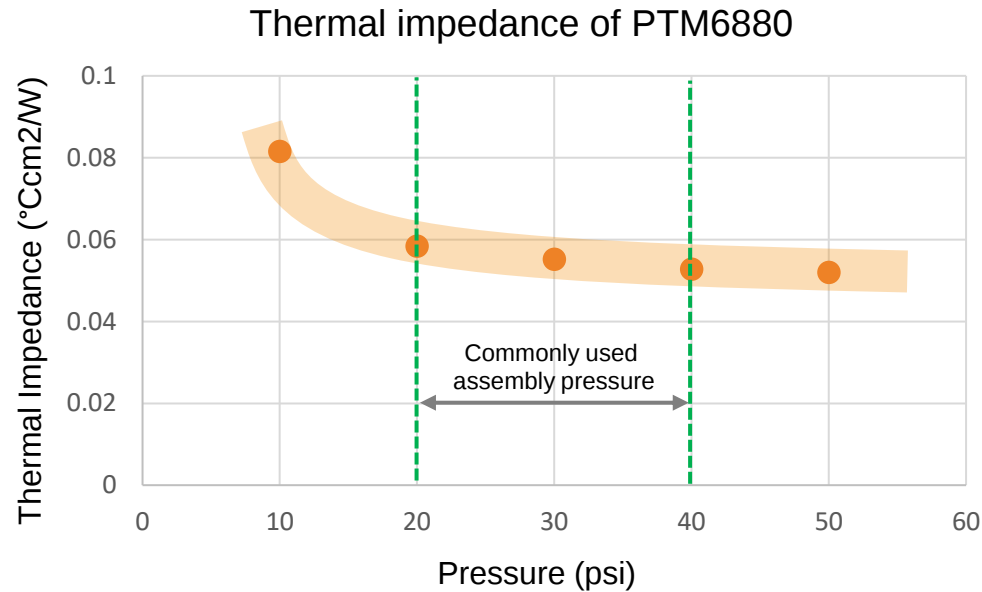


TYPICAL PROPERTIES

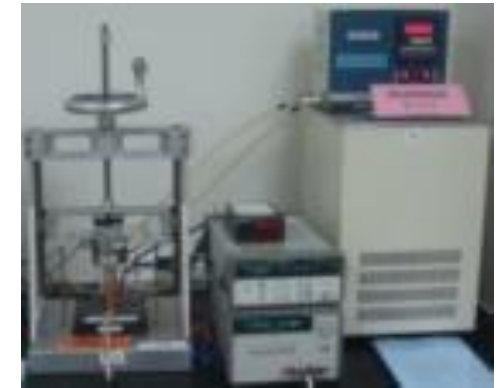
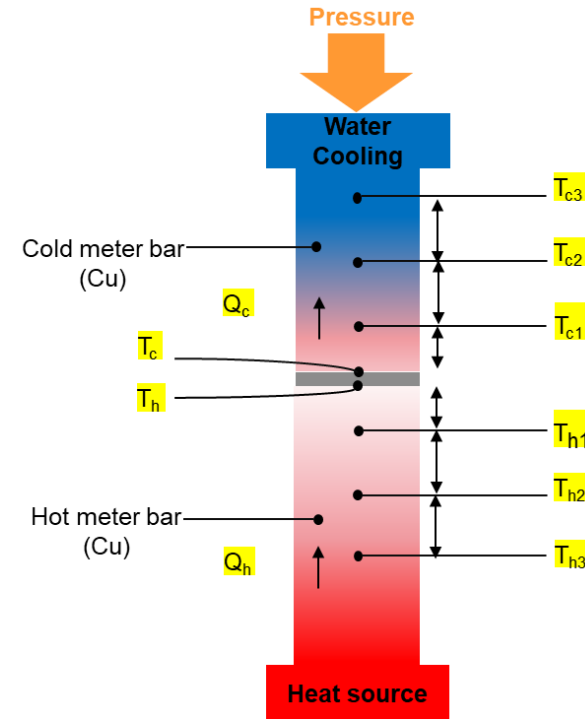
Properties	Value	Method
Thermal impedance (@80°C, 35psi)	0.056 °C·cm ² /W	ASTM D5470
Density	2.7 g/cm ³	ASTM D792
Phase change temperature	45°C	DSC
Thermal conductivity	6.0 W/m·K	ASTM D5470
Bond line thickness (@60°C, 20psi)	20µm	HON internal

TI VARIED WITH APPLIED PRESSURE



Test condition :

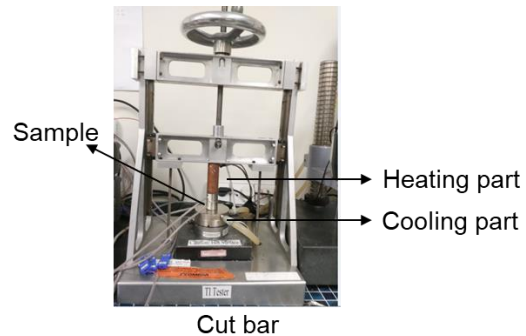
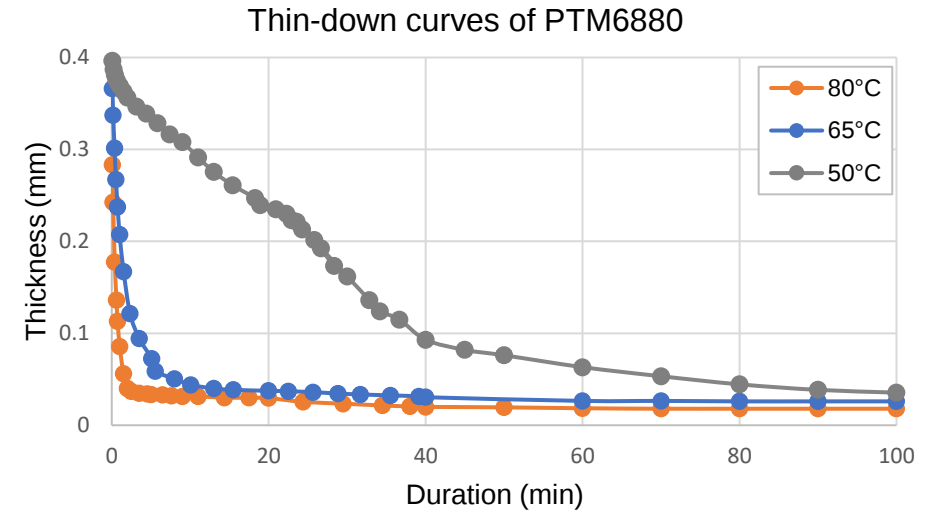
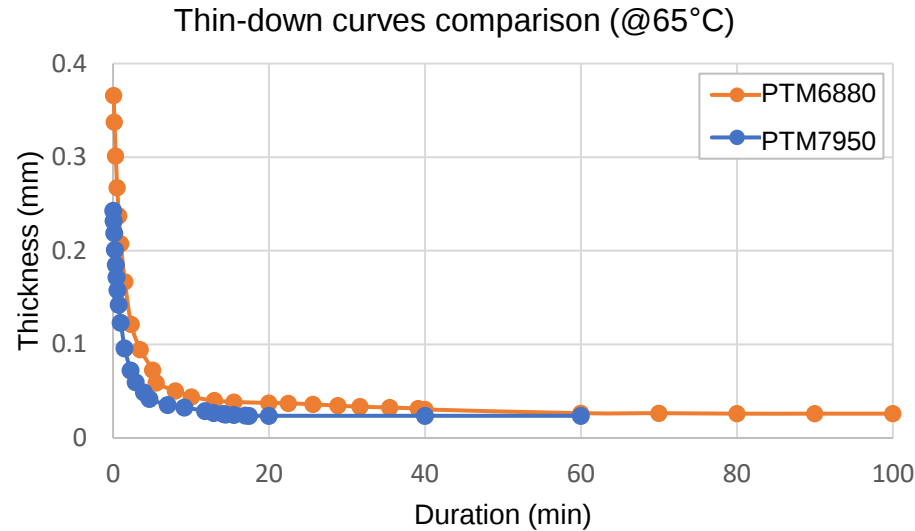
- Test head: 1 inch diameter
- Applied pressure ranging from 10psi to 50psi
- Sample temperature: 80°C



Cut bar (ASTM D5470)

Thermal impedance can reach to 0.056°Ccm²/W

THIN DOWN PROCESS



Testing conditions:

- Sample size 1 inch diameter
- Applied pressure 35 psi
- Sample temperature 50°C ~ 80°C

Recommend thin down condition:

- 40min at 80°C and 35psi pressure
- 80min at 65°C and 35psi pressure

The preheating condition can be selected based on thin down curves