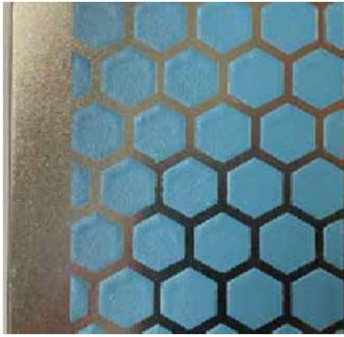


PCM 16125C



- Phase change material
- Easy application

Applications

- IGBT
- CPU, GPU
- Thyristors

Properties	Unit	PCM 16125C
Color		Titanium Blue
Viscosity Brookfield K/P* (Temperature dependent dried area)	Pas	400/creamy (@40°C) 200 (@50°C) 120 (@60°C) 80 (@80°C) 50 (@100°C)
Thermal Conductivity	W/mK	>3.5
Dielectric Breakdown Ed	kV/mm	>1
Operating Temperature	°C (°F)	-40 to +120 (-40 to +248)
Softening interval	°C (°F)	52-54 (125.6-129.2)
Hardness	Shore A	70-80
Possible layer thickness	µm	50-250
Post-curing time 40°C @250 µm)**	h	18-24

*Shear rate $\lambda 4.6s^{-1}$

**This time is valid for natural convection. If there is some kind of ventilation, the curing time is lower