

RS Pro 1805296 Dispensible/ Printable Phase Change Interface Material, 3.5W/mK

Physical Properties	Value
Active chemical components	Aluminium oxide
Colour	White
Thermal conductivity W/m.K (ASTM D5470)	3.5
Thermal impedance °C-cm ² /W (D5470 modified, on <2µm surface finish)	0.34
Thermal impedance °C-in ² /W	0.05
Specific gravity g/cm ³	2.74
Dielectric breakdown kV/mm	>10
Dielectric constant	8
Phase change temperature °C	52
Storage temperature °C	Standard room temp.
Viscosity cps	60000



Features

- Specifically designed for easy use and storage.
- Maintains superior contact with components.

Part Number	Size
1805296	100g pot

Durability Data	Value
Thermal cycling durability (hrs)	1000
Humidity durability (hrs)	196

Applications

- High performance computer processors
- Graphics
- Power conversion equipment, power semiconductors - MOSFET, IGBT and RF Audio/video components
- Automotive electronics

