



GET PS 100/200

Technical Data Sheet

Product Description

GET PS 100/200

Danish Graphene expands its thermal management product portfolio with GET PS 100 and GET PS 200. The graphene-enhanced thermal paste silicones for electronics bring improved thermal dissipation performance and electrical properties to the industry. The products can easily be applied to any system and can be reapplied for replacement of parts.

GET PS 100 and GET PS 200 features an exceptionally thin bond line thickness and minimal thermal resistance paired with outstanding heat dissipation properties. Utilizing graphene rather than traditional metal oxide fillers makes the products more environmentally friendly improving product life cycle.

Product Features

- Low density
- Thin bond line thickness
- No metal particles
- No particle migration
- High effective thermal transfer

Typical Applications

- Electronic component heat dissipation
- Avoidance of heat islands
- Thermal sensors
- Computer cooling systems
- LED cooling

Technical Data Sheet

GET PS 100/200

GET PS 100 Properties

Thermal conductivity	$1.0 \text{ W} \cdot \text{m}^{-1} \cdot \text{K}^{-1}$
Electrical properties	Static Dissipative
Density	1.1 g/mL
Viscosity at 21°C	
10 rpm	60-70 Pa · s
20 rpm	45-50 Pa · s
30 rpm	37-41 Pa · s

GET PS 200 Properties

Thermal conductivity	$2.0 \text{ W} \cdot \text{m}^{-1} \cdot \text{K}^{-1}$
Electrical properties	Conductive ($<10^4 \Omega \cdot \text{cm}$)
Density	1.2 g/mL
Viscosity at 21°C	
10 rpm	360-380 Pa · s
20 rpm	220-230 Pa · s
30 rpm	190-195 Pa · s

