

# Epoxies, Ect. 50-1220

Silicone  
Epoxies, Etc.

Message:

50-1220 is a one component thermal grease. This heavy filled Heat Sink Compound promotes high thermal conductivity, low bleed, and high temperature stability.

The 50-1220 is engineered for applications requiring fast heat dissipation and electrical insulation. This one part silicone heat sink compound is available in 8 oz jars, 16 oz jars, and quarts. Special syringe packaging is available upon request.

General Information		
Features	Electrically Insulating	
	Good Thermal Stability	
	Thermally Conductive	
Appearance	White	
Thermal	Nominal Value	Unit
Thermal Conductivity	1.2	W/m/K
Additional Information	Nominal Value	Unit
Bleed (200°C) <sup>1</sup>	0.050	%
Consistency - Penetration		
-- <sup>2</sup>	245	
-- <sup>3</sup>	300	
-- <sup>4</sup>	275	
Uncured Properties	Nominal Value	Unit
Color	White	
Density (25°C)	2.29	g/cm <sup>3</sup>
Cured Properties	Nominal Value	Unit
Arc Resistance	160	sec
Electric Strength	8.3	kV/mm
Relative Permittivity (100 Hz)	5.00	
Volume Resistivity	2.0E+15	ohms · cm
Dissipation Factor (100 Hz)	0.010	
NOTE		
1.	After 24 hours	
2.	Worked 1,000,000 strokes	
3.	Unworked	
4.	Worked 60 strokes	

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