



N700C 非矽型導熱片

Non-Silicone Thermal Conductive Pad

Property	N700C	TEST METHOD	UNIT
Color	Gray	Visual	-
Surface tack 2-side/1-side	2	-	-
Thickness	Customized	ASTM D374	mm
Density	3.2	ASTM D792	g/cm ³
Hardness	55	ASTM D2240	Shore OO
Application temperature	-60~125	-	°C
COMPRESSION@1.0mm			
Deflection @10 psi	16	ASTM D5470 modify	%
Deflection @20 psi	46	ASTM D5470 modify	%
Deflection @30 psi	68	ASTM D5470 modify	%
ELECTRICAL			
Dielectric breakdown	8	ASTM D149	KV/mm
Surface resistivity	>10 ¹¹	ASTM D257	Ohm
Volume resistivity	>10 ¹⁰	ASTM D257	Ohm-m
THERMAL			
Thermal Conductivity	5.0	ASTM D5470	W/m*K
Thermal impedance@10 psi	0.31	ASTM D5470	°C-in ² /W
Thermal impedance@20 psi	0.20	ASTM D5470	°C-in ² /W
Thermal impedance@30 psi	0.14	ASTM D5470	°C-in ² /W

Note:

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