



Tgard™ 200 Series Insulator Material

Tgard™ 200 is a high performance interface pad.

Tgard™ 200 consists of a silicone/boron nitride composite. Tgard™ 200 interface pads are used when the lowest thermal resistance and highest dielectric strength are required. Tgard™ 200 is a fiberglass-reinforced material. It is tough and strong, resulting in a high-tear, cut-through and puncture resistant product. Burrs pose no problem for this material. Tgard™ 200 will not dry out crack, or fail when pressured between mating parts. Tgard™ 200 is available in 0.010" (0.25mm), 0.020" (0.51 mm) and 0.030" (0.75mm) thicknesses.

Item #	Color	Thickness	Density	Hardness	Thermal Resistance at 100 psi	Thermal Resistance at 689 KPa
Tgard 210	White	0.010 inches 0.250 mm	1.52 gm/cc	85 Shore A	0.180 °C-in ² /W	1.16 °C-cm ² /W
Tgard 220	Blue	0.020 inches 0.510 mm	1.45 gm/cc	80 Shore A	0.350 °C-in ² /W	2.26 °C-cm ² /W
Tgard 230	Green	0.030 inches 0.760 mm	1.47 gm/cc	80 Shore A	0.400 °C-in ² /W	2.28 °C-cm ² /W