

Phenolic

Easy to machine and great material for table tops with high temperature requirements.

Part numbers

ST-PN-009-0001

Finish

Gloss (no protective film)

Colors Available

Brown



Material Specifications

		Metric		Imperial	
THERMAL	Temperature Index	°C	125	°F	257
MECHANICAL	Compressive Strength - Flatwise	PSI	> 39 000	MPa	270
	Bond Strength	lbs	1800	Kg	817
	Flexural Strength -LW -A -.125"	PSI	>17,000	MPa	117
	Flexural Strength -CW -A -.125"	PSI	>16,000	MPa	110
	Izod Impact Strength – LW	ft-lbs / in	>1.60	J/cm	0.854
	Izod Impact Strength – CW	ft-lbs / in	>1.40	J/cm	0.747
	Rockwell Hardness			M	105
ELECTRICAL	Dielectric Breakdown -A			kV	>35
	Dielectric Breakdown -D48/50			kV	>32.5
OTHER	Specific Gravity/Relative Density			-	1.36
	Water Absorption - 0.125"			%	<1.6