



ISO 9001: 2000 - QUALITY ASSURANCE
 Distributor & Fabricator of Engineered Plastic & Electrical Parts

GRADE GXPC

lo-cost punched Terminal Board + Terminal Strips Spacers, Washers, Shims	Drill Back-up in Circuit Board manufacturing Insulating Strips in Heat Sealing
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Mechanical Properties

Specific Gravity	gm / cc	ASTM D634	1.40
Tensile Strength	PSI	lengthwise	20,000
Tensile Strength	PSI	crosswise	13,000
Compressive Strength	PSI	flatwise	32,000
Flexural Strength	PSI	lengthwise	28,000
Flexural Strength	PSI	crosswise	18,000
Hardness	Rockwell (M)		100
UL Flammability rating	UL94		UL94HB
Bond Strength	lbs	ASTM D229	1180
Temperature Index	UL Electrical		130C
	UL Mechanical		130C

Electrical Properties

Dielectric Strength	VPM	ASTM D229	500 volts/mil
Dielectric Constant		ASTM D150	4.68
Arc Resistance	seconds	ASTM D495	7 seconds

Grade GXPC is a cost-effective Punching-Grade Paper Phenolic made by consolidating high-quality paper with Electrical-grade resins under heat and pressure. It's popular uses include Terminal Boards, Terminal Strips, Spacers, Shims, Heat Sealing Inslaur Strips and Drill Back-up in Circuit Board manufacturing.

Values are based on typical Test Methods and Conditions and published for Reference purposes only