Bimax®

Brand Braided Biaxial Fabric

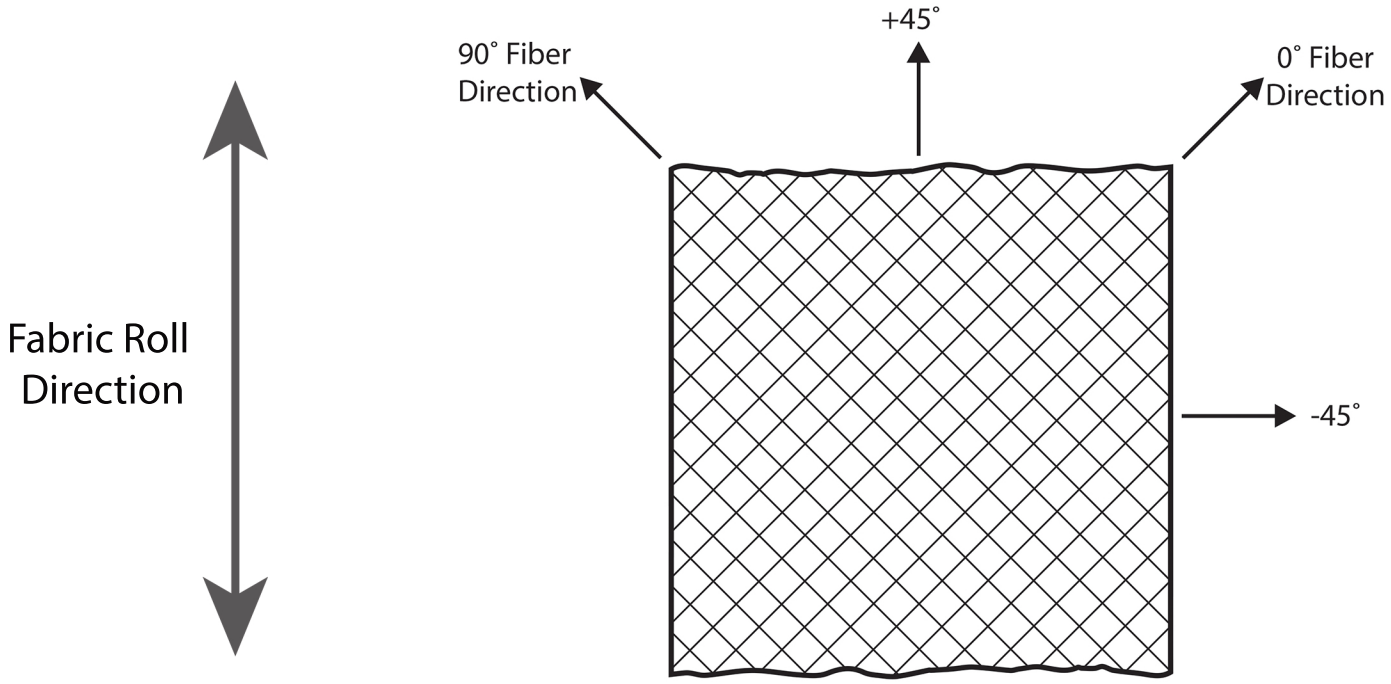
The values below represent an average of actual test data performed on laminates fabricated with Bimax® and standard epoxy resins.

Bimax Light 196 GSM

Mechanical Properties	Average
0° Fiber Direction Tensile Str. (ksi)	106
0° Fiber Direction Tensile Mod. (Msi)	9.4
90° Fiber Direction Tensile Str. (ksi)	106
90° Fiber Direction Tensile Mod. (Msi)	9.4
45° Tensile Str. (ksi)	38
45° Tensile Mod. (Msi)	2.3
45° Compressive Strength (ksi)	34
45° Compressive Modulus (Msi)	2.0

Bimax Heavy 374 GSM

Mechanical Properties	Average
0° Fiber Direction Tensile Str. (ksi)	149
0° Fiber Direction Tensile Mod. (Msi)	9.2
90° Fiber Direction Tensile Str. (ksi)	149
90° Fiber Direction Tensile Mod. (Msi)	9.2
45° Tensile Str. (ksi)	27
45° Tensile Mod. (Msi)	2.1
45° Compressive Strength (ksi)	28
45° Compressive Modulus (Msi)	1.8



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