



G10 GASKET

Specifications

Rev. 092625

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G10 General Physical Properties

Specific Gravity	1.85
Rockwell Hardness +/- 10	98
Moisture Absorption (%) E-1/105 + D-24/23	.10
Flexural Strength (psi) – LW	65,000
Flexural Strength (psi) – CW	52,000
Modulus of Elasticity in Flexure	
Kpsi – LW	2,900
– CW	2,600
Tensile Strength (psi)	50,000
Compressive Strength (psi)	66,000
Izod Impact Strength (ft/lbs/in)	
Cond E. -48/50 LW	7.9
Cond E. -48/50 CW	7.3
Bond Strength (lbs)	2,300
Shear Strength (psi)	21,500

Thermal and Electrical Properties

Maximum Operating Temperature (°C)	150
Minimum Operating Temperature (°C)	-45
Coefficient of Thermal (in/in/Cx10 ⁻⁵)	
Expansion X – axis	10.0
Y - axis	13.0
Flammability	94HB
Dielectric Breakdown (kv)	
Cond A	66
Cond D -48/50	65
Electric Strength (V/mil)	
Cond A	630
Cond D -48/50	670
Permittivity	
Cond D -24/23	4.80
Arc Resistance (sec)	130
Comparative Tracking Index	600