

## Technical specification

### Formex GK – 62

**Description** Superior chemical resistance. High dielectric breakdown strength. Continuous use temperature to 115°C. UL 94 V-0 approved.

Properties	Unit	Value	Test method
Color	Natural & Black		
Thickness	Inch	.062 ± .004	
Thickness	mm	1.57 ± .10	
<b>Tensile Yield</b>			
Machine Direction	Psi	4400	ASTM D – 882
Transverse Direction	Psi	3200	ASTM D – 882
Density	Gm/cc	1.035	ASTM D – 792
Flammability		V-0	UL 94
Oxygen Index		29	ASTM D – 2863
Water absorption - % change in weight	%	0.06	ASTM D – 570
Heat deflection temperature at 66 psi	Psi	121°C/250°F	ASTM D – 648
<b>Relative Thermal Index</b>			
Electrical		115°C/239°F	UL 746B
Mechanical Without Impact		115°C/239°F	UL 746B
Surface Energy – dynes/cm (as produced)	Cm	> = 50	
Dielectric Breakdown	Volts	45.260	ASTM D – 149
Dielectric strength	Volts/mil	730	ASTM D – 149
Volume Resistivity	Ohm – cm	3.97 x 10 <sup>15</sup>	ASTM D – 257
Dielectric Constant		2.30	ASTM D – 150
Dissipation Factor		0.0019	ASTM D – 150
High Current Arc Ignition – arcs to ifnite		200	UL 746A
High Voltage Arc Tracking	In/min	0.0	UL 746A
Hot Wire Ignition	Seconds	12	UL 746A
Comparative Tracking Index	Volts	600	ASTM D – 3638
Sheet Sizes – inches		24 x 48,48 x 96*	

This specification is given by our best knowledge and might be submitted to changes.