EverForm™

EverForm EVFMGL

Manufacturing Specifications

	EVFMGL-10	EVFMGL-17
EEDDDEE COLOR	NATURAL & BLACK	NATURAL & BLACK
THICKNESS (IN)	0.010 (+0.003/-0.0015)	0.017 (+0.003/-0.001)
THICKNESS (MM)	0.25 (+0.08/-0.04)	.25 (+0.08/-0.03)

Mechanical Properties

	TEST METHOD	EVFMGK-10	EVFMGK-17
TENSILE YIELD - PSI	ASTM D-882 / ISO 527-1,-2		
MACHINE DIRECTION		5,000	4,300
TRANSVERSE DIRECTION		2,000	3,100

Notice: The above information is believed to be accurate and reliable. CR Technology assumes no responsibility for end use applications and no performance warranty is expressed or implied

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Physical Properties

	TEST METHOD	EVFMGL-10	EVFMGK-17
DENSITY - GM/CC	ASTM D-792 / ISO 1183-1, METHOD A	0.972	0.972
FLAMMABILITY	UL 94	VTM-0	V-0
OXYGEN INDEX - %	ASTM D-2863 / ISO 4589--1,-2	29	29
WATER ABSORPTION - % CHANGE IN WEIGHT	ASTM D-570 / ISO 62, METHOD 4	0.06%	0.06%
HEAT DEFLECTION TEMPERATURE AT 66 PSI	ASTM D-648 0.45MPA / ISO 75-1,-2, METHOD B	122°C / 252°F	122°C / 252°F
RELATIVE TEMPERATURE INDEX	UL 746B		
ELECTRICAL		125°C / 257°F	125°C / 257°F
MECHANICAL WITHOUT IMPACT		115°C / 239°F	115°C / 239°F
SURFACE ENERGY - DYNES/CM (AS PRODUCED)	ASTM D-2578	≥50	≥50

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Electrical Properties

	TEST METHOD	EVFMGL-10	EVFMGL-17
COMPARATIVE TRACKING INDEX - VOLTS	IEC 60112	600	600
DIELECTRIC BREAKDOWN - VOLTS	ASTM D-149 / IEC 60243-1	18,799	20,837
DIELECTRIC STRENGTH - VOLTS/MIL	ASTM D-149 / IEC 60243-1	1,880	1,226
VOLUME RESISTIVITY - OHM-CM	ASTM D-257 / IEC 62631-3-1	$1X10^{16}$	$1X10^{16}$
DIELECTRIC CONSTANT	ASTM D-150 / IEC 60250, 1MHZ	1.8	1.8
DISSIPATION FACTOR	ASTM D-150 / IEC 60250, 1MHZ	0.0017	0.0017

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