



PRODUCT NEWS

Auburn Manufacturing Co.
 29 Stack St., Middletown, CT 06457
 Phone (860) 346-6677 FAX (860) 346-1334
 www.auburn-mfg.com
 email:info@auburn-mfg.com

JUST RELEASED: NEW FORMEX™ GK - IMPACT MODIFIED FLAME RETARDANT POLYPROPYLENE SHEET

OFFERS IMPROVED RELATIVE TEMPERATURE INDEX TO TRADITIONAL FORMEX™

	TEST METHOD	GK-10	GK-17	GK-30	GK-40	GK-62
MECHANICAL PROPERTIES						
THICKNESS-INCH		.010	.017	.030	.040	.062
TOLERANCE-INCH		+ .003/- .0015	+ .003/- .001	± .002	± .002	± .004
TENSILE YIELD-PSI	ASTM D-882					
MACHINE DIRECTION		4400	4400	4400	4400	4400
TRANSVERSE DIRECTION		3200	3200	3200	3200	3200
PHYSICAL PROPERTIES						
DENSITY-GM/CC	ASTM D-792	1.035	1.035	1.035	1.035	1.035
FLAMMABILITY	UL-94	VTM-O	V-0	V-0	V-0	V-0
OXYGEN INDEX	ASTM D-2863	29	29	29	29	29
WATER ABSORPTION-CHG IN WEIGHT	ASTM D-570	0.06%	0.06%	0.06%	0.06%	0.06%
HEAT DEFLECTION TEMP AT 66 PSI	ASTM D-648	121°C	121°C	121°C	121°C	121°C
RELATIVE TEMPERATURE INDEX	UL 746B					
ELECTRICAL		105°C	115°C	115°C	115°C	115°C
MECHANICAL W/O IMPACT		105°C	115°C	115°C	115°C	115°C
ELECTRICAL PROPERTIES						
DIELECTRIC STRENGTH-VOLTS/MIL	ASTM D-149	2200	1460	1080	945	730
VOLUME RESISTIVITY-OHM-CM	ASTM D-257	3.97x10 ¹⁵	3.97x10 ¹⁵	3.97x10 ¹⁵	3.97x10 ¹⁵	3.97x10 ¹⁵
DIELECTRIC CONSTANT	ASTM D-150	2.30	2.30	2.30	2.30	2.30
DISSIPATION FACTOR	ASTM D-150	0.0019	0.0019	0.0019	0.0019	0.0019
HIGH CURRENT ARC IGNITION	UL 746A	80+	162+	200+	200+	200+
HIGH VOLTAGE ARC TRACKING-IN/MIN	UL 746A	0.0	0.0	0.0	0.0	0.0
HOT WIRE IGNITION-SEC	UL 746A	6	9	12	12	12
COMP. TRACKING INDEX-VOLTS	ASTM D-3638	600+	600+	600+	600+	600+

THE ABOVE DATA IS BELIEVED TO BE ACCURATE AND RELIABLE. AUBURN ASSUMES NO RESPONSIBILITY FOR END USE APPLICATIONS AND NO PERFORMANCE WARRANTY IS EXPRESSED OR IMPLIED.

UL FILE #E121855(N) CSA FILE #LS96638

**FOR MORE INFORMATION CALL AUBURN TOLL FREE
 1-800-GAS-KETS**

THE AUBURN MANUFACTURING COMPANY
 29 Stack St., MIDDLETOWN, CT 06457 TEL: (860) 346-6677 FAX: (860) 346-1334