

GUND CO INC
2121 WALTON RD, ST LOUIS MO 63114

PolyPro FR (f2)

Polypropylene (PP), flame retardant, furnished as sheets

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
BK	0.20	V-0	-	-	65	65	65
	0.41	V-0	4	3	100	90	100
ALL	0.75	V-0	3	0	110	105	110
	1.5	V-0	3	0	110	105	110
	2.4	V-0	2	0	110	105	110
	3.0	V-0	2	0	110	115	120

Comparative Tracking Index (CTI): 0
High-Voltage Arc Tracking Rate (HVTR): 0
Dielectric Strength (kV/mm): 38

Dimensional Stability (%): 0
High Volt, Low Current Arc Resis (D495): 6
Volume Resistivity (10¹⁰ ohm-cm): 15

(f2) - Subjected to one or more of the following tests: Ultraviolet Light, Water Exposure or Immersion in accordance with UL 746C, where the acceptability for outdoor use is to be determined by UL.

ANSI/UL 94 small-scale test data does not pertain to building materials, furnishings and related contents. ANSI/UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in the components and parts of end-product devices and appliances, where the acceptability of the combination is determined by UL.

Report Date: 2002-06-07
Last Revised: 2003-10-24

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IEC and ISO Test Methods

Test Name	Test Method	Units	Thickness Tested (mm)	Value
Flammability	IEC 60695-11-10	Class (color)	0.20	V-0 (BK)
			0.41	V-0 (BK)
			0.75	V-0 (ALL)
			1.5	V-0 (ALL)
			2.4	V-0 (ALL)
	3.0	V-0 (ALL)		
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	C	-	-
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	C	-	-
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	-	-
IEC Ball Pressure	IEC 60695-10-2	C	-	-
ISO Heat Deflection (1.80 MPa)	ISO 75-2	C	-	-
ISO Tensile Strength	ISO 527-2	MPa	-	-
ISO Flexural Strength	ISO 178	MPa	-	-
ISO Tensile Impact	ISO 8256	kJ/m ²	-	-
ISO Izod Impact	ISO 180	kJ/m ²	-	-
ISO Charpy Impact	ISO 179-2	kJ/m ²	-	-

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GUND CO INC
2121 WALTON RD, ST LOUIS MO 63114

PolyPro FR II

Polypropylene (PP), flame retardant, furnished as sheets

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
BK, WT	0.23	VTM-0	5	0	110	-	110
	0.40	V-0	5	0	110	-	110
	0.70	V-0	4	0	110	-	110
	1.0	V-0	4	0	110	-	110
	1.5	V-0	4	0	110	-	110
	2.1	V-0	3	0	110	-	110
	3.0	V-0	3	0	115	-	115

Comparative Tracking Index (CTI): 0
High-Voltage Arc Tracking Rate (HVTR): 0
Dielectric Strength (kV/mm): -

Dimensional Stability (%): -
High Volt, Low Current Arc Resis (D495): 5
Volume Resistivity (10¹⁰ ohm-cm): -

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Report Date: 2006-02-09
Last Revised: 2008-06-27

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IEC and ISO Test Methods

Test Name	Test Method	Units	Thickness Tested (mm)	Value
Flammability	ISO 9773, IEC 60695-11-10	Class (color)	0.23	VTM-0 (BK, WT)
			0.40	V-0 (BK, WT)
			0.70	V-0 (BK, WT)
			1.0	V-0 (BK, WT)
			1.5	V-0 (BK, WT)
			2.1	V-0 (BK, WT)
	3.0	V-0 (BK, WT)		
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	C	-	-
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	C	-	-
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	-	-
IEC Ball Pressure	IEC 60695-10-2	C	-	-
ISO Heat Deflection (1.80 MPa)	ISO 75-2	C	-	-
ISO Tensile Strength	ISO 527-2	MPa	-	-
ISO Flexural Strength	ISO 178	MPa	-	-
ISO Tensile Impact	ISO 8256	kJ/m ²	-	-
ISO Izod Impact	ISO 180	kJ/m ²	-	-
ISO Charpy Impact	ISO 179-2	kJ/m ²	-	-

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