

Extruded Flame Retardant Polypropylene Sheet

Property	ASTM* Test Method	Unit	Typical Value
Physical			
Density	D-792	g/cc	0.98 – 1.02
Water Absorption (24 hrs @ 73°F)	D-570	%	<0.01
Mechanical			
Tensile Strength	D-638	PSI	3,700
Tensile Modulus	D-638	PSI	197,000
Elongation	D-638	%	200
Izod Impact	D-256	ft. lbs./in. ²	1.8
Rockwell Hardness	D-785	“R” scale	101
Thermal			
Heat Distortion Temperature	D-648		
at 66 psi	D-648		266
at 264 psi	D-648		149
Vicat Softening Temperature	D-1525		306
Coefficient of Thermal Expansion	D-696		8.25 x 10 ⁻⁵
Flammability	UL		94V-0
Electrical			
Volume Resistivity	D-257	ohm-cm	>6.2x10 ¹⁶

*American Society of Testing Materials

Fabricator & Specifier Benefits

- Homopolymer
- UL94V-0 rated
- Excellent corrosion resistance
- Lightweight
- Easily fabricated, welded, and machined
- Stress-relieved flat sheet
- Accurate to dimensional tolerances
- Color consistent
- Single-side protective masking
- Standard white gloss finish

Application Areas

- Semiconductor processing equipment
- Etching and plating tanks
- Ducts, hoods, and other protective equipment

Standard Availability

Extruded Sheet Size: 48" x 96", 48" x 120" Tolerances: gauge: +0, -10%, width: -0/+1/2", length: -0/+3/4"
 Gauge: 1/8, 3/16, 1/4, 3/8, 1/2, 3/4, 1"
 Call for custom lengths.

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