

Homopolymer Polypropylene Sheet Natural and Colors



FABRICATOR & SPECIFIER BENEFITS

- Superior corrosion, chemical resistance
- Consistent natural color
- Easy to fabricate, weld & machine
- Accurate to dimensional tolerances
- Showcase quality surface
- Meets established ASTM specifications
- Square, stress-relieved, flat sheet

APPLICATION AREAS

- Laboratory equipment
- Food applications
- Semiconductor processing equipment
- Machined & fabricated parts
- Etching & plating lines
- Acid tanks
- Ducts, fume hoods, and other protective equipment
- Wet benches

TECHNICAL DATA			
PROPERTY	UNIT	TYPICAL ASTM TEST	
		VALUE	METHOD
Nominal Melt Flow (2)	g/10 min	0.60	D1238
Density (3)	g/cm ³	0.905	D792
Tensile Strength at Yield (4)	psi	5,200	D638
	MPa	35	
Elongation at Yield (4)	%	12.0	D638
Flexural Modulus	psi	210,000	D790A
	MPa	1,448	
Izod Impact (5) notched at 23 °C (73 °F)	ft-lb/in	0.9	D256
	l/m	48	
Rockwell Hardness	R Scale	100	D785
Deflection Temperature @ 66 psi		215°F	D648
Melting Point (6)	°F	327	Mfg. Test Method
	°C	163	

- (1) Injection molded specimens where applicable
- (2) 230°C/2.18kg
- (3) At 23°C (73°F)
- (4) Type 1 specimen at 50mm/min (2in/min) crosshead speed
- (5) 3.2 mm (1/8 - inch) bar
- (6) by DSC

STANDARD AVAILABILITY

Extruded Sheet Size . . .48" x 96" & 48" x 120"
 Gauge1/8" to 2"
 TolerancesGauge: +/- 5%, Length/width +1/2" - 0"

All sheets are stress relieved. Custom colors, lengths and thicknesses are available. Please call for minimum order requirements.

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