



**CUSTOM THIN GAUGE POLYCARBONATE SHEET EXTRUDER**

**Flame Retardant**

Exhibits excellent clarity and impact. UL 94V-0 down to .062".

**WHERE CUSTOM IS STANDARD**

- Custom length, width and gauge
- Low minimum orders
- Fast turnaround
- Thermoformable film masking
- Clear
- Custom color matching
- UV resistant
- Green alternatives

PROPERTY			
PHYSICAL	TEST METHOD	UNITS	TYPICAL DATA
Specific Gravity	ASTM D792	-	1.2
Water Absorption Equilibrium	ASTM D570	%	0.24
MECHANICAL			
Tensile Strength	ASTM D638	psi (MPa)	8,975 (61.9)
Elongation at Break	ASTM D638	%	92
Flexural Modulus	ASTM D790	kpsi (MPa)	3,251 (2,241)
Flexural Strength	ASTM D790	psi (MPa)	11,000 (75.8)
Izod Impact 73° F (23°)	ASTM D256	ft-lb/in (J/M)	12.5 (667)
Coefficient of Thermal Expansion	ASTM D696	10 <sup>-5</sup> * K <sup>-1</sup>	3.8
THERMAL			
DTUL, 66 psi (0.45 MPa)	ASTM D648	°F (°C)	281 (138.3)
DTUL, 264 psi (1.8 MPa)	ASTM D648	°F (°C)	272 (133.3)

*Property values are based on resin manufacturers data and are subject to all disclaimers applicable. These property values are not intended for specification purposes and are subject to Apogee Plastics standard disclaimer.*

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