

# Material Information

For custom material orders, contact customer service for a detail quote.

	Series Product	MATERIAL	UV stabilized (material)	UL Flammability rating	Tensile Strength 1/8" thickness	Izod impact Strength 1/8" thickness notched Test condition 73 F	Flexural modulus 1/8" X 1/2" X 4" Bar Test condition: 73 F	
<b>Material Characteristics per Series</b>	A-series C-series CA-series CH-series G-series H-series M-series S-series SL-series WM-series	ABS	no	94 HB	5470 psi	7.5 ft-lbs/in	3.1 psi X 1000000	
	I-series (clear) RB-series (clear) End panels Face plates (Clear and red)	Polycarbonate	yes	94 V-0	546 kJ/m <sup>2</sup>	801 J/m	2340 Mpa	
	I-series RB-series	Polycarbonate	yes	94 V-0	kJ/m <sup>2</sup>	J/m	Mpa	
	End panels Face plates (Infrared)	Polycarbonate		94 HB	9000 psi	15.0 ft-lbs/in	3.4 psi X 1000000	
	CA-series gaskets PS Perimeter Seals	Rubber	yes by formulation	not rated	not rated	not rated	not rated	
	SE-series Top & Bottom	Polypropylene	no	75 HB	3800 psi	23 C no break @ -20 C 1.0 ft-lb/in	180 kpsi @ 23 C	
	SE-series Latches & Handles	ABS	no	94 HB	5470 psi	7.5 ft-lbs/in	3.1 psi X 1000000	
	R-series Pins	Acetyl			66 MPa	5.7 kJ/m <sup>2</sup>	2550 MPa	
	<b>Custom Materials</b>	A-series C-series CA-series CH-series G-series H-series I-series M-series S-series SL-series WM-series	KJW (ABS)		94 V-0	5530 psi	4.0 ft-lbs/in	3.0 psi X 1000000
		A-series* C-series* CA-series CH-series CA-series G-series H-series I-series M-series* S-series* SL-series* WM-series	EMI (ABS)		94 HB	7200 psi	1.1 ft-lbs/in	4.75 psi X 1000000
A-series C-series CA-series CH-series G-series H-series I-series M-series S-series SL-series WM-series		Stat-Kon (Polycarbonate)		94 V-1	16000 psi	1.3 ft-lbs/in	8.5 psi X 1000000	
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\* Some enclosures are available off the shelf (see table)