

ENV11-A1812L-1112

Polycarbonate

Injection Grade, High Impact Resistance
UV Stabilized, Internal Mold Release, RoHS Compliant

Properties

	ASTM Test	Nominal Values
Physical		
Specific Gravity	D-792	1.20
*Melt Flow Rate (300°C/1.2kg)	D-1238	18 g/10 min
Mold Shrink, Linear Flow	D-955	.005-.007 in/in
Mechanical		
Tensile Strength	D-638	9,000 psi
Tensile Elongation @ Break	D-638	140%
Flexural Modulus	D-790	335,000 psi
Impact		
*Notched Izod @ 73 °F	D-256	12 ft-lb/in Minimum Nominal 14 ft-lb/in
Thermal		
Deflection Temp @ 264 psi	D-648	265° F
Flammable		
Flame Rating –V2	UL 94	0.125 in

These average values were obtained from specimens molded and tested under carefully controlled laboratory conditions. This data should be used only as a guide and the company can grant no assurance that all molded articles will exhibit duplicate properties as those listed above.

** Denotes a key characteristic of the material that will be certified with each lot produced.*