



# Polycarbonate

Property	Test Method	Units	General Purpose			Flame Retardant		Glass Filled	
			2108	2115	2122	2945	2930	2710	2720
			High viscosity	Medium viscosity	Low viscosity	Medium viscosity	Low viscosity	10% glass	20% glass
Specific Gravity	D-792	g/cc	1.20	1.20	1.20	1.20	1.20	1.26	1.35
Melt Flow Rate 300°C/1.2kg	D-1238	g/10 min	8	15	22	10	20	8	8
Mold Shrink, linear flow	D-955	in/in E-3	5-8	5-8	5-8	5-8	5-8	2-5	1-4
Flexural Modulus	D-790	psi	320,000	320,000	320,000	320,000	320,000	490,000	760,000
Flexural Strength	D-790	psi	13,000	13,000	13,000	13,000	13,000	14,800	18,000
Tensile Elongation at Break	D-638	%	125	120	115	110	110	8	4
Tensile Strength at Break	D-638	psi	10,000	10,000	10,000	9,000	8,500	9,200	15,500
DTUL @ 66 psi	D-648	°F	265	265	259	270	262	288	290
DTUL @ 264 psi	D-648	°F	255	254	250	260	253	275	280
Notched Izod 0.125" @ 72°F	D-256	ft-lb/in.	17	15	13	13	12	2	2
UL94 Flame Class*	0.0625 in.	rating	HB	V-2	V-2	V-0	V-0	V-0	V-2

Mold release available in all grades indicated by "L" after the designation number.

Data herein is typical and not to be construed as specifications. Unless otherwise specified, all data listed is for natural or black colored materials. Pigments can affect properties. Data are obtained from specimens molded under carefully controlled conditions from representative samples of the compound described herein. Properties may be materially affected by molding techniques applied and by the size and shape of the item molded. No assurance can be implied that all molded articles will have the same properties as those listed. No information supplied by Slingshot Plastics Corporation constitutes a warranty regarding product performance or use. Any information regarding performance or use is only offered as suggestion for investigation for use, based upon Slingshot Plastics Corporation or supplier or other customer experience. Slingshot Plastics Corporation makes no warranties, expressed or implied, concerning the suitability or fitness of any of its products for any particular purpose. It is the responsibility of the customer to determine that the product is safe, lawful, and technically suitable for the intended use. The disclosure of information herein is not a license to operate under, or a recommendation to infringe any patents.

\* Material is engineered to pass UL94 tests as listed while material has not been tested by Underwriter Laboratories and carries no UL file number.