

PIER ONE POLYMERS INCORPORATED

Thermoplastic Solutions

Typical Property Data

PC1410-CLEAR

Polycarbonate

Property	Test Method	Units	Value
			DAM
General ASH (Filler)	ASTM D4218	%	NA
Physical Melt Flow	ASTM D1238	g/10 min	10
Mechanical Tensile Strength Elongation @ Break Flexural Modulus Flexural Strength Izod Impact Unnotched Impact	ASTM D 638 ASTM D 638 ASTM D 790 ASTM D 790 ASTM D 256 ASTM D 4812	psi % psi psi ft lb/in ft lb/in	9,000 100 335,000 13,000 14 NA
Thermal Heat Deflection Temperature 264 psi	ASTM D 648	°F	260
Other Specific Gravity	ASTM D 792	-	1.20

Test Conditions:

* Injection molded test bar (2 3/8" x 1/2" x 1/4"), notched

* Condition L – 2160 grams @ 230 °C

Mechanical properties measured at 23°C (73°F)

Contact Pier One Polymers, Inc. for MSDS, general guidelines and/or additional information about ventilation, handling, purging, drying, etc.

The information above is compiled by the material manufacturer. Actual values should not be construed as a guarantee of analysis of any specific lot or as specification items. The properties of any single lot or shipment of product may vary from the above analysis. No warranty is given as to the suitability of the product for any particular application. The determination of suitability of the above product information for any particular use is solely the responsibility of the user.