

PIER ONE POLYMERS INCORPORATED

Thermoplastic Solutions

Typical Property Data

PC-12R BK05

Polycarbonate With Mold Release Agent/ Black

Property	Test Method	Units	Value
			DAM
Physical Melt Flow Specific Gravity	ASTM D1238 ASTM D 792	g/10 min -	12.0 1.20
Mechanical Tensile Strength @ Yield Elongation @ Break Flexural Modulus Flexural Strength Izod Impact	ASTM D 638 ASTM D 638 ASTM D 790 ASTM D 790 ASTM D 256	mpa (psi) % mpa (psi) mpa (psi) j/m (ft lb/in)	62 (9,000) 120 2,200 (320,000) 90 (13,000) 747 (14)
Thermal Heat Deflection Temperature 264 psi	ASTM D 648	C° (°F)	135 (260)

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.