

**PRL PC/ABS-G10**

(PC+ABS)-GF10

Polymer Resources, Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	8.5	g/10min	ASTM D 1238
Temperature	250	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.0045	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	64.8	MPa	ASTM D 638
Tensile Strength at Break	60	MPa	ASTM D 638
Flexural Modulus	3999	MPa	ASTM D 790
Flexural Strength	110	MPa	ASTM D 790
Izod Impact notched, 1/8 in	80.1	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 66 psi	124	°C	ASTM D 648
DTUL @ 264 psi	116	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1200	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	79.4 - 85	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	271 - 299	°C	-
Mold temperature	71.1 - 93.3	°C	-
Zone 1	249 - 288	°C	-
Zone 2	254 - 293	°C	-
Zone 3	260 - 302	°C	-

**Characteristics****Processing**

Injection Molding

**Applications**

General Purpose

**Delivery form**

Pellets

**Regional Availability**

North America