

PRL ABS-G10

ABS-GF10

Polymer Resources, Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	2.55	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	3.8	kg	-
Mold Shrinkage, MD	0.0025	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	47.6	MPa	ASTM D 638
Tensile Strength at Break	46.2	MPa	ASTM D 638
Flexural Modulus	3068	MPa	ASTM D 790
Izod Impact notched, 1/8 in	53.4	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 66 psi	98.9	°C	ASTM D 648
DTUL @ 264 psi	90.6	°C	ASTM D 648
Other properties			
Density	1100	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	79.4 - 85	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	227 - 238	°C	-
Mold temperature	48.9 - 60	°C	-
Zone 1	191 - 199	°C	-
Zone 2	210 - 221	°C	-
Zone 3	210 - 227	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America

Delivery form

Pellets