

RamLloy PFV300G6BK11

(PBT+ABS)-GF30

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	6.6	cm ³ /10min	ISO 1133
Temperature	280	°C	-
Load	2.16	kg	-
Melt flow index, MFI	8.5	g/10min	ISO 1133
Temperature	280	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	9500	MPa	ISO 527
Tensile Strength	120	MPa	ISO 527
Yield strain	2.3	%	ISO 527
Strain at break	2.4	%	ISO 527
Flexural modulus, 23°C	8670	MPa	ISO 178
Flexural strength	184	MPa	ISO 178
Izod notched impact strength, +23°C	10	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	180	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	210	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1450	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Certifications

RoHS compliant

Delivery form

Black

Applications

Automotive

Special Characteristics

U.V. stabilized or stable to weather

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa