

RamLloy B3000G6BK10

(PA6+PP)-GF30

Polyram

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	9150	MPa	ISO 527
Tensile Strength	125	MPa	ISO 527
Strain at break	2.8	%	ISO 527
Izod notched impact strength, +23°C	9.5	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	153	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	165	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1260	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.15	%	-
Mold temperature	80 - 100	°C	-
Feed temperature	60 - 80	°C	-
Zone 1	220 - 240	°C	-
Zone 2	240 - 260	°C	-
Zone 3	250 - 270	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Black

Certifications

RoHS compliant

Applications

Automotive

Regional Availability

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