

RamLloy PZF102BK10
(PC+PBT)

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	15	g/10min	ISO 1133
Temperature	250	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2700	MPa	ISO 527
Tensile Strength	66	MPa	ISO 527
Yield strain	4.8	%	ISO 527
Strain at break	100	%	ISO 527
Izod notched impact strength, +23°C	5.5	kJ/m ²	ISO 180/1A
ASTM Data			
Izod Impact notched, 1/8 in	85	J/m	ASTM D 256

Other properties	Value	Unit	Test Standard
Density	1240	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	110	°C	-
Pre-drying - Time	4 - 6	h	-
Processing humidity	≤0.02	%	-
Mold temperature	65 - 90	°C	-
Feed temperature	100 - 120	°C	-
Zone 1	245 - 265	°C	-
Zone 2	250 - 270	°C	-
Zone 3	255 - 275	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Black

Applications

General Purpose

Regional Availability

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