

**RamLloy PZF101BK10**

(PC+PBT)

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	24	g/10min	ISO 1133
Temperature	250	°C	-
Load	5	kg	-
Molding shrinkage, parallel	1.0	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	2200	MPa	ISO 527
Tensile Strength	52	MPa	ISO 527
Yield strain	4.5	%	ISO 527
Izod notched impact strength, +23°C	55	kJ/m <sup>2</sup>	ISO 180/1A
<b>ASTM Data</b>			
Izod Impact notched, 1/8 in	745	J/m	ASTM D 256

Other properties	Value	Unit	Test Standard
Density	1230	kg/m <sup>3</sup>	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

**Special Characteristics**

High impact or impact modified

**Regional Availability**

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