

**RamLloy PZF801BK10**

(PC+PBT)

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	16	g/10min	ISO 1133
Temperature	250	°C	-
Load	5	kg	-
Molding shrinkage, parallel	1.2	%	ISO 294-4, 2577
Molding shrinkage, normal	1.1	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	1700	MPa	ISO 527
Tensile Strength	40	MPa	ISO 527
Yield strain	4.2	%	ISO 527
Flexural modulus, 23°C	1600	MPa	ISO 178
Flexural strength	60	MPa	ISO 178
Izod notched impact strength, +23°C	55	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	50	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	-30	°C	-

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	56	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	65	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1200	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.02	%	-
Mold temperature	50 - 80	°C	-
Feed temperature	40 - 60	°C	-
Zone 1	230 - 250	°C	-
Zone 2	240 - 255	°C	-
Zone 3	245 - 260	°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