

RamLloy PZF780YL19

(PC+PBT)

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	5	g/10min	ISO 1133
Temperature	250	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
Molding shrinkage, normal	0.6	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	2300	MPa	ISO 527
Tensile Strength	60	MPa	ISO 527
Yield strain	4.6	%	ISO 527
Strain at break	60	%	ISO 527
Charpy notched impact strength, +23°C	100	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 0.45 MPa	80	°C	ISO 75-1/-2
Other properties			
Density	1200	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
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

Special Characteristics

High impact or impact modified, U.V. stabilized or stable to weather

Regional Availability

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