

RamLloy PZF700NT
(PC+PBT)

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	16	g/10min	ISO 1133
Temperature	250	°C	-
Load	5	kg	-
Molding shrinkage, parallel	0.4	%	ISO 294-4, 2577
Molding shrinkage, normal	0.5	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2100	MPa	ISO 527
Tensile Strength	53	MPa	ISO 527
Yield strain	4.6	%	ISO 527
Izod notched impact strength, +23°C	63	kJ/m ²	ISO 180/1A

Other properties	Value	Unit	Test Standard
Water absorption	0.2	%	Sim. to ISO 62
Humidity absorption	0.15	%	Sim. to ISO 62
Density	1210	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

Natural Color

Special Characteristics

U.V. stabilized or stable to weather

Certifications

RoHS compliant

Applications

Automotive, Electrical and Electronical

Regional Availability

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