

RamLloy PZE701BK11
(PC+PET)

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	20	g/10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-
Molding shrinkage, parallel	0.4	%	ISO 294-4, 2577
Molding shrinkage, normal	0.6	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2220	MPa	ISO 527
Tensile Strength	56	MPa	ISO 527
Yield strain	4.7	%	ISO 527
Izod notched impact strength, +23°C	32	kJ/m ²	ISO 180/1A
ASTM Data			
Izod Impact notched, 1/8 in	660	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	120	°C	-
Pre-drying - Time	4 - 6	h	-
Processing humidity	≤0.02	%	-
Mold temperature	50 - 80	°C	-
Feed temperature	60 - 80	°C	-
Zone 1	230 - 250	°C	-
Zone 2	240 - 255	°C	-
Zone 3	240 - 260	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Black

Special Characteristics

U.V. stabilized or stable to weather

Certifications

RoHS compliant

Regional Availability

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