

RamTal PM7013BK11B

POM

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	16.5	g/10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	1.9	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2400	MPa	ISO 527
Tensile Strength	62	MPa	ISO 527
Yield strain	9	%	ISO 527
Izod notched impact strength, +23°C	7	kJ/m ²	ISO 180/1A

Other properties	Value	Unit	Test Standard
Water absorption	0.8	%	Sim. to ISO 62
Humidity absorption	0.2	%	Sim. to ISO 62
Density	1410	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.15	%	-
Mold temperature	60 - 90	°C	-
Feed temperature	60 - 70	°C	-
Zone 1	170 - 180	°C	-
Zone 2	180 - 190	°C	-
Zone 3	180 - 190	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Black

Special Characteristics

U.V. stabilized or stable to weather

Features

Tribologic Grade

Certifications

RoHS compliant

Regional Availability

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