

RamShine PV300G2BK10

ABS-GF10

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	11	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Other Standards^[S]			
Molding shrinkage, parallel	0.4	%	Producer Method

S: These properties are reported by the producer according standards that are different to our defaults.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	4200	MPa	ISO 527
Tensile Strength	70	MPa	ISO 527
Strain at break	2.5	%	ISO 527
Izod notched impact strength, +23°C	8.5	kJ/m ²	ISO 180/1A

Other properties	Value	Unit	Test Standard
Density	1100	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	≤0.1	%	-
Mold temperature	60 - 90	°C	-
Feed temperature	60 - 70	°C	-
Zone 1	240 - 260	°C	-
Zone 2	240 - 260	°C	-
Zone 3	240 - 260	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Black

Regional Availability

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