

RamShine PV110GR129

ABS

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	6.5	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Other Standards^[S]			
Molding shrinkage, parallel	0.6	%	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	1900	MPa	ISO 527
Tensile Strength	35	MPa	ISO 527
Yield strain	2.8	%	ISO 527
ASTM Data			
Izod Impact notched, 1/8 in	530	J/m	ASTM D 256

Other properties	Value	Unit	Test Standard
Density	1050	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	40 - 80	°C	-
Feed temperature	60 - 70	°C	-
Zone 1	200 - 220	°C	-
Zone 2	200 - 220	°C	-
Zone 3	210 - 240	°C	-

Characteristics**Processing**

Injection Molding

Certifications

RoHS compliant

Regional Availability

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