

RamShine PV701GR411-1

ABS

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	34	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 Strength	48	MPa	ISO 527
Flexural modulus, 23°C	2300	MPa	ISO 178
Flexural strength	68	MPa	ISO 178
Izod notched impact strength, +23°C	18	kJ/m ²	ISO 180/1A

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

Special Characteristics

U.V. stabilized or stable to weather

Certifications

Food contact, Food approval 10/2011, RoHS compliant

Regional Availability

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