

**RamShine PAS1001NT**

ASA

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	5	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
<b>Other Standards<sup>[S]</sup></b>			
Molding shrinkage, parallel	0.6	%	Producer Method
Molding shrinkage, normal	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
<b>ISO Data</b>			
Tensile Modulus	2400	MPa	ISO 527
Tensile Strength	52	MPa	ISO 527
Yield strain	11	%	ISO 527
Flexural modulus, 23°C	2300	MPa	ISO 178
Flexural strength	80	MPa	ISO 178
Izod notched impact strength, +23°C	9	kJ/m <sup>2</sup>	ISO 180/1A

Other properties	Value	Unit	Test Standard
Density	1070	kg/m <sup>3</sup>	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

**Delivery form**

Natural Color

**Regional Availability**

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