

**RamShine PAS707BK55**

ASA

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	17	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
<b>Mechanical properties</b>			
	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	2040 / -	MPa	ISO 527
Tensile Strength	45 / -	MPa	ISO 527
Yield strain	3.2 / -	%	ISO 527
Strain at break	16 / -	%	ISO 527
Flexural strength	81 / 83	MPa	ISO 178
Izod notched impact strength, +23°C	25 / 25	kJ/m <sup>2</sup>	ISO 180/1A
<b>Thermal properties</b>			
	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Burning behav. at 1.5 mm nom. thickn.	HB / *	class	IEC 60695-11-10
Thickness tested	1.6 / *	mm	-
Burning behav. at thickness h	HB / *	class	IEC 60695-11-10
Thickness tested	3.0 / *	mm	-
<b>Processing Recommendation Injection Molding</b>			
	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

**Delivery form**

Black

**Regional Availability**

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