

**RamOfin PPC705BK11**

PP

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	<b>0.4</b>	g/10min	ISO 1133
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
<b>Other Standards<sup>[S]</sup></b>			
Molding shrinkage, parallel	<b>1.5</b>	%	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	<b>1200</b>	MPa	ISO 527
Tensile Strength	<b>25</b>	MPa	ISO 527
Yield strain	<b>10</b>	%	ISO 527
Charpy notched impact strength, +23°C	<b>35</b>	kJ/m <sup>2</sup>	ISO 179/1eA

Other properties	Value	Unit	Test Standard
Density	<b>900</b>	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	<b>80</b>	°C	-
Pre-drying - Time	<b>2 - 4</b>	h	-
Processing humidity	<b>≤0.1</b>	%	-
Mold temperature	<b>30 - 70</b>	°C	-
Feed temperature	<b>60 - 70</b>	°C	-
Zone 1	<b>200 - 230</b>	°C	-
Zone 2	<b>200 - 230</b>	°C	-
Zone 3	<b>200 - 250</b>	°C	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Black

**Special Characteristics**

U.V. stabilized or stable to weather

**Features**

Copolymer

**Certifications**Food contact, Drinking water contact, Drinking water contact  
NSF 61, RoHS compliant**Regional Availability**North America, Europe, Asia Pacific, South and Central America,  
Near East/Africa