

RamOfin PPH503BK10

PP

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	10	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	2050	MPa	ISO 527
Tensile Strength	27	MPa	ISO 527
Yield strain	4.7	%	ISO 527
Strain at break	26	%	ISO 527
Izod notched impact strength, +23°C	3.2	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	3.0	mm	-
Other properties			
Density	1240	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.1	%	-
Mold temperature	30 - 70	°C	-
Feed temperature	60 - 70	°C	-
Zone 1	190 - 225	°C	-
Zone 2	190 - 225	°C	-
Zone 3	190 - 245	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Black

Special Characteristics

Flame retardant

Features

Homopolymer

Regional Availability

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