

RamOfin PPC501BK10

PP

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	8	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	1900	MPa	ISO 527
Tensile Strength	19	MPa	ISO 527
Yield strain	3.5	%	ISO 527
Izod notched impact strength, +23°C	4	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	3.0	mm	-
ASTM Data			
Limiting Oxygen Index	29.5	%	ASTM D 2863
Other properties			
Density	1030	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2	h	-
Processing humidity	≤0.1	%	-
Mold temperature	30 - 60	°C	-
Feed temperature	60 - 80	°C	-
Zone 1	180 - 190	°C	-
Zone 2	180 - 200	°C	-
Zone 3	190 - 220	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Black

Special Characteristics

Flame retardant, Halogen-free

Features

Copolymer

Regional Availability

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