

**RamOfin PPH501G4BK10**

PP-GF20

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>Other Standards<sup>S1</sup></b>			
Molding shrinkage, parallel	0.3	%	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	5000	MPa	ISO 527
Tensile Strength	78	MPa	ISO 527
Strain at break	4.3	%	ISO 527
Flexural modulus, 23°C	4350	MPa	ISO 178
Flexural strength	130	MPa	ISO 178
Izod notched impact strength, +23°C	10.5	kJ/m <sup>2</sup>	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	3.0	mm	-
Glow Wire Flammability Index (GWFI)	850	°C	IEC 60695-2-12
GWFI - thickness tested (1)	1.5	mm	-

Other properties	Value	Unit	Test Standard
Density	1210	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	30 - 70	°C	-
Feed temperature	60 - 70	°C	-
Zone 1	190 - 210	°C	-
Zone 2	200 - 220	°C	-
Zone 3	220 - 245	°C	-

**Characteristics****Processing**

Injection Molding

**Features**

Homopolymer

**Delivery form**

Black

**Certifications**

RoHS compliant

**Special Characteristics**

Flame retardant, Halogen-free

**Regional Availability**

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