

RamOfin PPC501G6GR225

PP-GF30

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	4	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Other Standards^[S]			
Molding shrinkage, parallel	0.2	%	Producer Method
Molding shrinkage, normal	0.7	%	Producer Method

S: These properties are reported by the producer according standards that are different to our defaults.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	7700	MPa	ISO 527
Tensile Strength	65	MPa	ISO 527
Strain at break	3.7	%	ISO 527
Izod notched impact strength, +23°C	16.5	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	143	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	158	°C	ISO 75-1/-2
Burning behav. at thickness h	V-1	class	IEC 60695-11-10
Thickness tested	3.0	mm	-
Glow Wire Flammability Index (GWFI)	960	°C	IEC 60695-2-12
GWFI - thickness tested (1)	1.6	mm	-
Glow Wire Ignition Temperature (GWIT)	800	°C	IEC 60695-2-13

Other properties	Value	Unit	Test Standard
Density	1430	kg/m ³	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 - 225	°C	-
Zone 2	190 - 225	°C	-
Zone 3	190 - 245	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Flame retardant

Features

Copolymer

Certifications

RoHS compliant

Regional Availability

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