

RamOfin PPH300G6NT

PP-GF30

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	4.5	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Other Standards^[S]			
Molding shrinkage, parallel	0.3	%	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	6600	MPa	ISO 527
Tensile Strength	95	MPa	ISO 527
Strain at break	3.3	%	ISO 527
Flexural modulus, 23°C	5900	MPa	ISO 178
Flexural strength	150	MPa	ISO 178
Izod notched impact strength, +23°C	12.5	kJ/m ²	ISO 180/1A
ASTM Data			
Shore D Hardness	80	-	ASTM D 2240

Thermal properties	Value	Unit	Test Standard
ISO Data			
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	3.0	mm	-

Other properties	Value	Unit	Test Standard
Density	1120	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	200 - 230	°C	-
Zone 2	200 - 230	°C	-
Zone 3	200 - 250	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Natural Color

Features

Homopolymer

Certifications

Food contact, Food approval 10/2011, Food approval FDA 21 CFR, Drinking water contact, RoHS compliant

Regional Availability

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