RamOfin+ PPH300G6NT BIO

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/m²	ISO 180/1A

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/m³	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
Contains renewable resources

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

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