

RamOfin PPH380G50NT

PP-GF50

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
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Other Standards^{S1}

Molding shrinkage, parallel	0.2	%	Producer Method
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S: These properties are reported by the producer according standards that are different to our defaults.

Mechanical properties	Value	Unit	Test Standard
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ISO Data

Tensile Modulus	11000	MPa	ISO 527
Tensile Strength	100	MPa	ISO 527
Strain at break	2.8	%	ISO 527
Izod notched impact strength, +23°C	15	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
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ISO Data

Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	3.0	mm	-

Other properties	Value	Unit	Test Standard
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Density	1320	kg/m ³	ISO 1183
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Processing Recommendation Injection Molding	Value	Unit	Test Standard
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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

Features

Homopolymer

Delivery form

Natural Color

Certifications

RoHS compliant

Special Characteristics

High impact or impact modified

Regional Availability

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