

RamOfin PPH380G50BK10

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	10300	MPa	ISO 527
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Tensile Strength	90	MPa	ISO 527
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Strain at break	2.9	%	ISO 527
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Izod notched impact strength, +23°C	13	kJ/m ²	ISO 180/1A
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Thermal properties	Value	Unit	Test Standard
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ISO Data

Burning behav. at thickness h	HB	class	IEC 60695-11-10
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Thickness tested	3.0	mm	-
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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	-
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Pre-drying - Time	2 - 4	h	-
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Processing humidity	≤0.1	%	-
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Mold temperature	30 - 70	°C	-
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Feed temperature	60 - 70	°C	-
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Zone 1	190 - 225	°C	-
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Zone 2	190 - 225	°C	-
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Zone 3	190 - 245	°C	-
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Characteristics**Processing**

Injection Molding

Features

Homopolymer

Delivery form

Black

Regional Availability

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

Special Characteristics

High impact or impact modified