

**RamOfin PPH308G8BK11**

PP-GF40

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
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Other Standards <sup>S1</sup>	Value	Unit	Test Standard
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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	Value	Unit	Test Standard
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Tensile Modulus	8050	MPa	ISO 527
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Tensile Strength	88	MPa	ISO 527
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Strain at break	3.7	%	ISO 527
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Charpy impact strength, +23°C	58	kJ/m <sup>2</sup>	ISO 179/1eU
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Izod notched impact strength, +23°C	15.5	kJ/m <sup>2</sup>	ISO 180/1A
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Thermal properties	Value	Unit	Test Standard
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ISO Data	Value	Unit	Test Standard
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Temp. of deflection under load, 1.80 MPa	140	°C	ISO 75-1/-2
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Temp. of deflection under load, 0.45 MPa	150	°C	ISO 75-1/-2
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Other properties	Value	Unit	Test Standard
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Density	1230	kg/m <sup>3</sup>	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

**Certifications**

RoHS compliant

**Delivery form**

Black

**Applications**

Automotive

**Special Characteristics**

High impact or impact modified, U.V. stabilized or stable to weather, Heat stabilized or stable to heat

**Regional Availability**

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

**Features**

Homopolymer