

**Karilen-P H 5030 GFC1**

PP-GF30

Polyram

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>13</b>	g/10min	ISO 1133
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	<b>6700</b>	MPa	ISO 527
Tensile Strength	<b>90</b>	MPa	ISO 527
Strain at break	<b>3</b>	%	ISO 527
Charpy notched impact strength, +23°C	<b>10</b>	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>163</b>	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	<b>150</b>	°C	ISO 75-1/-2
<b>Other properties</b>			
Density	<b>1130</b>	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	<b>80</b>	°C	-
Pre-drying - Time	<b>2 - 4</b>	h	-
Processing humidity	<b>≤0.1</b>	%	-
Mold temperature	<b>30 - 70</b>	°C	-
Feed temperature	<b>60 - 70</b>	°C	-
Zone 1	<b>200 - 230</b>	°C	-
Zone 2	<b>200 - 230</b>	°C	-
Zone 3	<b>200 - 250</b>	°C	-

**Characteristics****Processing**

Injection Molding, Other Extrusion

**Delivery form**

Natural Color

**Features**

Homopolymer

**Regional Availability**

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