

Karilen-P C 2440 GFCU

PP-GF40

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	4	cm ³ /10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	6800	MPa	ISO 527
Tensile Strength	80	MPa	ISO 527
Strain at break	4	%	ISO 527
Charpy impact strength, +23°C	55	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	40	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	13	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	7.5	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	140	°C	ISO 75-1/-2
Other properties			
Density	1240	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
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, Other Extrusion

Delivery form

Black

Special Characteristics

U.V. stabilized or stable to weather

Features

Copolymer

Regional Availability

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