

Karilen-P C 2015 GFC1

PP-GF15

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	3	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3200	MPa	ISO 527
Tensile Strength	45	MPa	ISO 527
Strain at break	6	%	ISO 527
Charpy impact strength, +23°C	48	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	12	kJ/m ²	ISO 179/1eA

Other properties	Value	Unit	Test Standard
Density	1000	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
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

Natural Color

Features

Copolymer

Regional Availability

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