RamOfin PPH308G8GN56

PP-GF40 Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	**6.2**	g/10min	ISO 1133
Temperature	**230**	°C	-
Load	**2.16**	kg	-
Other Standards[S]			
Molding shrinkage, parallel	**0.1**	%	Producer Method
Molding shrinkage, normal	**0.5**	%	Producer Method

S: These properties are reported by the producer according standards that are different to our defaults.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	**8400**	MPa	ISO 527
Tensile Strength	**82**	MPa	ISO 527
Strain at break	**3.4**	%	ISO 527
Izod notched impact strength, +23°C	**11.7**	kJ/m²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	**140**	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	**150**	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	**1220**	kg/m³	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	**190 - 225**	°C	-
Zone 2	**190 - 225**	°C	-
Zone 3	**190 - 245**	°C	-

Characteristics

Processing

Injection Molding

Special Characteristics

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

Features

Homopolymer

Certifications

RoHS compliant

Regional Availability

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