RamOfin PL330G8NT

PE-GF40 Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	**5**	g/10min	ISO 1133
Temperature	**190**	°C	-
Load	**2.16**	kg	-
Other Standards[S]			
Molding shrinkage, parallel	**0.1**	%	Producer Method
Molding shrinkage, normal	**0.6**	%	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	**6200**	MPa	ISO 527
Tensile Strength	**60**	MPa	ISO 527
Strain at break	**6.5**	%	ISO 527
Flexural modulus, 23°C	**5750**	MPa	ISO 178
Flexural strength	**110**	MPa	ISO 178
Charpy notched impact strength, -30°C	**16**	kJ/m²	ISO 179/1eA
Izod impact strength, +23°C	**56**	kJ/m²	ISO 180/1U
Izod notched impact strength, +23°C	**20**	kJ/m²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Burning rate, FMVSS, Thickness 1 mm	**80**	mm/min	ISO 3795 (FMVSS 302)

Other properties	Value	Unit	Test Standard
Density	**1260**	kg/m³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	**80**	°C	-
Pre-drying - Time	**2 - 4**	h	-
Mold temperature	**30 - 70**	°C	-
Feed temperature	**30 - 60**	°C	-
Zone 1	**190 - 210**	°C	-
Zone 2	**200 - 220**	°C	-
Zone 3	**210 - 230**	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Natural Color

Regional Availability

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