

RamLloy PZF304G6NT

(PC+PBT)-GF30

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	14	g/10min	ISO 1133
Temperature	250	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	0.4	%	ISO 294-4, 2577
Molding shrinkage, normal	0.5	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	10400	MPa	ISO 527
Tensile Strength	145	MPa	ISO 527
Strain at break	2.2	%	ISO 527
Flexural modulus, 23°C	9200	MPa	ISO 178
Flexural strength	214	MPa	ISO 178
Charpy impact strength, -30°C	68	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, -30°C	10	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	11	kJ/m ²	ISO 180/1A
Izod notched impact strength	10	kJ/m ²	ISO 180/1A
Temperature	-30	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	175	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	215	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-2	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Burning behav. at thickness h	V-2	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Burning rate, FMVSS, Thickness 1 mm	100	mm/min	ISO 3795 (FMVSS 302)

Other properties	Value	Unit	Test Standard
Density	1500	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	4 - 6	h	-
Processing humidity	≤0.02	%	-
Mold temperature	70 - 90	°C	-
Feed temperature	60 - 80	°C	-
Zone 1	240 - 260	°C	-
Zone 2	240 - 260	°C	-
Zone 3	240 - 260	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Natural Color

Certifications

RoHS compliant

Applications

Automotive, Electrical and Electronical

Regional Availability

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