

RamTough PZ333G2GR223

PC-GF10

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	11.3	g/10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	4450	MPa	ISO 527
Tensile Strength	73	MPa	ISO 527
Strain at break	5.3	%	ISO 527
Izod notched impact strength, +23°C	6	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	130	°C	ISO 75-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	3.0	mm	-
Glow Wire Flammability Index (GWFI)	960	°C	IEC 60695-2-12
GWFI - thickness tested (1)	1.6	mm	-
ASTM Data			
Vicat Temperature	152	°C	ASTM D 1525
Other properties			
Density	1270	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.02	%	-
Mold temperature	60 - 120	°C	-
Feed temperature	60 - 70	°C	-
Zone 1	240 - 250	°C	-
Zone 2	250 - 270	°C	-
Zone 3	280 - 300	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Flame retardant, Halogen-free, U.V. stabilized or stable to weather

Regional Availability

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