

RamTough RZ300G12BK10

PC-GF12

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
Other Standards^[5]			
Molding shrinkage, parallel	0.3	%	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	3700	MPa	ISO 527
Tensile Strength	65	MPa	ISO 527
Yield strain	3.5	%	ISO 527
Strain at break	5.5	%	ISO 527
Izod notched impact strength, +23°C	9	kJ/m ²	ISO 180/1A

Other properties	Value	Unit	Test Standard
Humidity absorption	0.2	%	Sim. to ISO 62
Density	1280	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.02	%	-
Mold temperature	80 - 120	°C	-
Feed temperature	60 - 70	°C	-
Zone 1	230 - 240	°C	-
Zone 2	240 - 260	°C	-
Zone 3	260 - 270	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Black

Applications

Electrical and Electronical

Regional Availability

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