

RamTough PZ300G8BK10

PC-GF40

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	10	g/10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-
Other Standards^[S]			
Molding shrinkage, parallel	0.2	%	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	11800	MPa	ISO 527
Tensile Strength	140	MPa	ISO 527
Strain at break	2	%	ISO 527
Izod notched impact strength, +23°C	14	kJ/m ²	ISO 180/1A
ASTM Data			
Izod Impact notched, 1/8 in	170	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Burning behav. at thickness h	V-1	class	IEC 60695-11-10
Thickness tested	3.0	mm	-

Other properties	Value	Unit	Test Standard
Density	1510	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

Certifications

RoHS compliant

Regional Availability

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