

**RamSter PF800G6BK10**

PBT-GF30

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>Other Standards<sup>S1</sup></b>			
Molding shrinkage, parallel	0.2	%	Producer Method
Molding shrinkage, normal	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
<b>ISO Data</b>			
Tensile Modulus	8580	MPa	ISO 527
Tensile Strength	112	MPa	ISO 527
Strain at break	3.4	%	ISO 527
Izod notched impact strength, +23°C	17	kJ/m <sup>2</sup>	ISO 180/1A

Other properties	Value	Unit	Test Standard
Water absorption	0.1	%	Sim. to ISO 62
Humidity absorption	0.07	%	Sim. to ISO 62
Density	1450	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.02	%	-
Mold temperature	70 - 90	°C	-
Feed temperature	40 - 60	°C	-
Zone 1	235 - 250	°C	-
Zone 2	235 - 255	°C	-
Zone 3	240 - 260	°C	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Black

**Special Characteristics**

High impact or impact modified

**Features**

Good Adhesion

**Certifications**

RoHS compliant

**Applications**

Automotive

**Regional Availability**

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