

**PlusTek PB323G6BK10HF**

PA6-GF30

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
Molding shrinkage, normal	0.8	%	ISO 294-4, 2577
<b>ASTM Data</b>			
Melt Flow Index, MFI	7	g/10min	ASTM D 1238
Temperature	260	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	12500	MPa	ISO 527
Tensile Strength	155	MPa	ISO 527
Strain at break	2.1	%	ISO 527
Izod notched impact strength, +23°C	12	kJ/m <sup>2</sup>	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	3.0	mm	-

Other properties	Value	Unit	Test Standard
Water absorption	6	%	Sim. to ISO 62
Humidity absorption	2	%	Sim. to ISO 62
Density	1630	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.15	%	-
Mold temperature	65 - 80	°C	-
Feed temperature	60 - 70	°C	-
Zone 1	210 - 220	°C	-
Zone 2	220 - 235	°C	-
Zone 3	235 - 245	°C	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Black

**Special Characteristics**

Flame retardant

**Applications**

Electrical and Electronical

**Regional Availability**

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