

PlusTek PB3725G6BK11

PA6-GF30

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
Molding shrinkage, normal	0.7	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	9500	MPa	ISO 527
Tensile Strength	148	MPa	ISO 527
Strain at break	2.6	%	ISO 527
Izod notched impact strength, +23°C	12.5	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
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	0.8	mm	-
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	3	mm	-
Other properties			
Water absorption	6	%	Sim. to ISO 62
Humidity absorption	2	%	Sim. to ISO 62
Density	1420	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.1	%	-
Mold temperature	70 - 90	°C	-
Feed temperature	60 - 80	°C	-
Zone 1	230 - 250	°C	-
Zone 2	240 - 260	°C	-
Zone 3	250 - 270	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Black

Special Characteristics

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

Certifications

RoHS compliant

Regional Availability

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