

PlusTek PB300G6BK13

PA6-GF30

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
Molding shrinkage, normal	0.8	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	9650	MPa	ISO 527
Tensile Strength	166	MPa	ISO 527
Strain at break	2.8	%	ISO 527
Charpy notched impact strength, -30°C	8.5	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	14	kJ/m ²	ISO 180/1A
Other properties			
Water absorption	6.5	%	Sim. to ISO 62
Humidity absorption	2	%	Sim. to ISO 62
Density	1360	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
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	240 - 280	°C	-
Zone 2	240 - 280	°C	-
Zone 3	240 - 280	°C	-

Characteristics**Processing**

Injection Molding

Certifications

RoHS compliant

Delivery form

Natural Color

Applications

Automotive

Special Characteristics

U.V. stabilized or stable to weather

Regional Availability

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