

PlusTek RA303G6BK10

PA66-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	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	10200	MPa	ISO 527
Tensile Strength	172	MPa	ISO 527
Strain at break	2.7	%	ISO 527
Izod notched impact strength, +23°C	9.5	kJ/m ²	ISO 180/1A

Other properties	Value	Unit	Test Standard
Water absorption	6	%	Sim. to ISO 62
Humidity absorption	2	%	Sim. to ISO 62
Density	1360	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.15	%	-
Mold temperature	70 - 120	°C	-
Feed temperature	60 - 70	°C	-
Zone 1	260 - 280	°C	-
Zone 2	270 - 300	°C	-
Zone 3	280 - 300	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Black

Chemical Resistance

Hydrolytically Stable

Certifications

Recycled Resin Content

Regional Availability

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