

PlusTek RD302G6NT

PA12-GF30

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
Molding shrinkage, normal	0.8	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	7500	MPa	ISO 527
Tensile Strength	130	MPa	ISO 527
Strain at break	3.8	%	ISO 527
Flexural modulus, 23°C	6000	MPa	ISO 178
Flexural strength	150	MPa	ISO 178
Izod notched impact strength, +23°C	16.5	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	3.0	mm	-
Other properties			
Water absorption	1.1	%	Sim. to ISO 62
Humidity absorption	0.6	%	Sim. to ISO 62
Density	1240	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	60 - 80	°C	-
Feed temperature	60 - 70	°C	-
Zone 1	220 - 230	°C	-
Zone 2	220 - 230	°C	-
Zone 3	230 - 250	°C	-

Characteristics**Processing**

Injection Molding

Certifications

RoHS compliant

Delivery form

Natural Color

Regional Availability

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

Special Characteristics

U.V. stabilized or stable to weather