

PlusTek PD101BK10

PA12

Polyram

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	650	MPa	ISO 527
Tensile Strength	41	MPa	ISO 527
Yield strain	20	%	ISO 527
Flexural modulus, 23°C	570	MPa	ISO 178
Flexural strength	27	MPa	ISO 178

Other properties	Value	Unit	Test Standard
Density	1040	kg/m ³	ISO 1183

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.15	%	-
Mold temperature	70 - 90	°C	-
Feed temperature	60 - 70	°C	-
Zone 1	220 - 230	°C	-
Zone 2	220 - 230	°C	-
Zone 3	230 - 240	°C	-

Characteristics**Processing**

Pipe/Tube Extrusion, Other Extrusion

Delivery form

Black

Additives

Plasticizer

Certifications

Food contact, Food approval FDA 21 CFR

Regional Availability

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