

**PlusTek PA836G26BK10**

PA66-GF26

Polyram

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>7600</b>	MPa	ISO 527
Tensile Strength	<b>135</b>	MPa	ISO 527
Strain at break	<b>4.2</b>	%	ISO 527
Flexural modulus, 23°C	<b>6950</b>	MPa	ISO 178
Flexural strength	<b>220</b>	MPa	ISO 178
Charpy impact strength, +23°C	<b>85</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>20</b>	kJ/m <sup>2</sup>	ISO 179/1eA

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>225</b>	°C	ISO 75-1/-2

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1280</b>	kg/m <sup>3</sup>	ISO 1183

<b>Processing Recommendation Extrusion</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Type of extrusion	<b>profile</b>	-	-
Pre-drying - Temperature	<b>80</b>	°C	-
Pre-drying - Time	<b>3 - 4</b>	h	-
Processing humidity	<b>≤0.15</b>	%	-
Mold temperature	<b>60 - 90</b>	°C	-
Feed temperature	<b>60 - 70</b>	°C	-
Zone 1	<b>260 - 280</b>	°C	-
Zone 2	<b>260 - 280</b>	°C	-
Zone 3	<b>270 - 290</b>	°C	-

**Characteristics****Processing**

Profile Extrusion

**Delivery form**

Black

**Special Characteristics**

Heat stabilized or stable to heat

**Applications**

Building Construction

**Regional Availability**

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