

**Polybest 66 PD SZ 1**

PA66

Polyma Kunststoff GmbH &amp; Co.KG

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.018</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Izod notched impact strength, +23°C	<b>20 / -</b>	kJ/m <sup>2</sup>	ISO 180/1A
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>65 / 50</b>	MPa	ASTM D 638
Elongation at Break	<b>50 / 200</b>	%	ASTM D 638
Flexural Modulus	<b>2000 / 1000</b>	MPa	ASTM D 790
<b>Thermal properties</b>			
	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
UL 94 Flame rating	<b>HB</b>	-	UL 94
Thickness tested	<b>1.6</b>	mm	-
DTUL @ 66 psi	<b>195</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>85</b>	°C	ASTM D 648
Melting Temperature	<b>255</b>	°C	ASTM D 3418
Vicat Temperature	<b>250</b>	°C	ASTM D 1525
<b>Electrical properties</b>			
	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Surface Resistivity	<b>* / 1E11</b>	Ohm	ASTM D 257
Volume Resistivity	<b>1E15 / 1E11</b>	Ohm*cm	ASTM D 257
<b>Other properties</b>			
	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water Absorption, 24hr	<b>1.1</b>	%	ASTM D 570
Density	<b>1090</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Delivery form**

Natural Color

**Regional Availability**

Europe