

**NP BioPA610-201**

PA610

Natureplast

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>2100</b>	MPa	ISO 527
Strain at break	<b>&gt;50</b>	%	ISO 527
Charpy impact strength, +23°C	<b>N</b>	kJ/m <sup>2</sup>	ISO 179/1eU

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Vicat softening temperature, B	<b>196</b>	°C	ISO 306

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1060</b>	kg/m <sup>3</sup>	ISO 1183
Biobased content	<b>63</b>	%	-

<b>Material specific properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Viscosity number	<b>160</b>	cm <sup>3</sup> /g	ISO 307, 1157, 1628

**Characteristics****Processing**

Injection Molding

**Applications**

Sports Equipment

**Chemical Resistance**

General Chemical Resistance

**Regional Availability**

Europe

**Certifications**

Contains renewable resources, Food contact