

**Product Texts**

High Impact, Heat Stabilized, Bio-based polyamide 5.6

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Yield stress	<b>46</b>	MPa	ISO 527
Yield strain	<b>48</b>	%	ISO 527
Flexural modulus, 23°C	<b>1390</b>	MPa	ISO 178
Flexural strength	<b>68</b>	MPa	ISO 178
Izod notched impact strength, +23°C	<b>75</b>	kJ/m <sup>2</sup>	ISO 180/1A

<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

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1090</b>	kg/m <sup>3</sup>	ASTM D 792

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Pre-drying - Temperature	<b>80</b>	°C	-
Pre-drying - Time	<b>4</b>	h	-
Melt temperature	<b>240 - 250</b>	°C	-
Mold temperature	<b>40 - 90</b>	°C	-

**Characteristics**

**Processing**

Injection Molding

**Delivery form**

Natural Color

**Special Characteristics**

High impact or impact modified, Heat stabilized or stable to heat

**Certifications**

Contains renewable resources

**Regional Availability**

North America, Europe, South and Central America