

**RTP 2099 X 126213**

(PLA+PC)

RTP Company

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Modulus	<b>2137</b>	MPa	ASTM D 638
Tensile Strength	<b>51.7</b>	MPa	ASTM D 638
Flexural Modulus	<b>2482</b>	MPa	ASTM D 790
Flexural Strength	<b>86.2</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>747</b>	J/m	ASTM D 256

<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>1.59</b>	mm	-
DTUL @ 66 psi	<b>116</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>54.4</b>	°C	ASTM D 648

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Biobased content	<b>32</b>	%	-
Density	<b>1190</b>	kg/m <sup>3</sup>	ASTM D 792
Moisture Content	<b>0.02</b>	%	-

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Pre-drying - Temperature	<b>79.4</b>	°C	-
Pre-drying - Time	<b>4</b>	h	-
Melt temperature	<b>221 - 243</b>	°C	-
Mold temperature	<b>23.9 - 71.1</b>	°C	-
Injection pressure	<b>55.2 - 103</b>	MPa	-

**Characteristics****Processing**

Injection Molding

**Certifications**

Contains renewable resources

**Regional Availability**

North America, Europe, Asia Pacific