

**APINAT™ DP2091**

TPE

Trinseo

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength	<b>17.6</b>	MPa	ASTM D 638
Elongation at Break	<b>54</b>	%	ASTM D 638
Flexural Modulus	<b>720</b>	MPa	ASTM D 790
Shore D Hardness	<b>58</b>	-	ASTM D 2240
Tear Strength	<b>100</b>	kN/m	ASTM D 624

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1220</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>
Mold temperature	<b>25 - 40</b>	°C	-
Feed temperature	<b>150 - 160</b>	°C	-
Zone 1	<b>165 - 175</b>	°C	-
Zone 2	<b>175 - 185</b>	°C	-
Zone 3	<b>190 - 200</b>	°C	-

**Characteristics****Processing**

Injection Molding, Other Extrusion

**Delivery form**

Pellets

**Certifications**Contains renewable resources, Biodegradable, Compostable  
ISO 13432 (Producer), Compostable ASTM D6400 (Producer)**Regional Availability**North America, Europe, Asia Pacific, South and Central America,  
Near East/Africa