

**Versaflex™ CL2000X**

TPE

Avient Corporation

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.038</b>	mm/mm	ASTM D 955

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Modulus at 100% Elongation	<b>0.103</b>	MPa	ASTM D 412
Modulus at 300% Elongation	<b>0.08</b>	MPa	ASTM D 412
Shore A Hardness	<b>3</b>	-	ASTM D 2240
Tear Strength	<b>8.76</b>	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	<b>23</b>	%	ASTM D 395
Tensile Strength at Break	<b>2.07</b>	MPa	ASTM D 412
Elongation at Break	<b>1100</b>	%	ASTM D 412

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>870</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>12.8 - 32.2</b>	°C	-
Zone 1	<b>116 - 149</b>	°C	-
Zone 2	<b>138 - 182</b>	°C	-
Zone 3	<b>154 - 188</b>	°C	-
Nozzle temperature	<b>160 - 193</b>	°C	-
Screw speed	<b>15 - 75</b>	rpm	-
Injection speed	<b>12.7 - 50.8</b>	mm/s	-
Back pressure	<b>0 - 0.552</b>	MPa	-
Holding pressure	<b>0.207 - 0.827</b>	MPa	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Pellets

**Special Characteristics**

Transparent

**Features**

Soft Feel

**Certifications**

Food contact

**Regional Availability**

North America, Europe, Asia Pacific, South and Central America, Near East/Africa