

**Versaflex™ HC BT218**

TPE

Avient Corporation

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Modulus at 100% Elongation	<b>2.62</b>	MPa	ASTM D 412
Modulus at 300% Elongation	<b>1.57</b>	MPa	ASTM D 412
Shore A Hardness	<b>67</b>	-	ASTM D 2240
Compression Set , 22 hr @ 73 °F	<b>19</b>	%	ASTM D 395
Tensile Strength at Break	<b>8.14</b>	MPa	ASTM D 412
Elongation at Break	<b>600</b>	%	ASTM D 412

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>890</b>	kg/m <sup>3</sup>	ASTM D 792

<b>Processing Recommendation Extrusion</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Melt temperature	<b>182 - 204</b>	°C	-
Zone 1	<b>166 - 188</b>	°C	-
Zone 2	<b>177 - 204</b>	°C	-
Zone 3	<b>182 - 216</b>	°C	-
Nozzle temperature	<b>182 - 216</b>	°C	-

**Characteristics****Processing**

Other Extrusion

**Delivery form**

Pellets

**Special Characteristics**

Translucent, Sterilizable, Steam sterilization

**Features**

Color Stability, Weldable

**Certifications**

Medical Grade, Biocompatibility ISO 10993, US Pharmacopeia Class VI Approved

**Applications**

Electrical and Electronical, Medical

**Regional Availability**

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