

**Versaflex™ G 7360**

TPE

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.017</b>	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Modulus at 100% Elongation	<b>2.3</b>	MPa	ASTM D 412
Modulus at 300% Elongation	<b>1</b>	MPa	ASTM D 412
Shore A Hardness	<b>60</b>	-	ASTM D 2240
Tear Strength	<b>25</b>	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	<b>25</b>	%	ASTM D 395
Compression Set , 22 hr @ 158 °F	<b>51</b>	%	ASTM D 395
Tensile Strength at Break	<b>6</b>	MPa	ASTM D 412
Elongation at Break	<b>700</b>	%	ASTM D 412

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
UL 94 Flame rating	<b>HB</b>	-	UL 94
Thickness tested	<b>1.5</b>	mm	-

Other properties	Value	Unit	Test Standard
Density	<b>1200</b>	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Mold temperature	<b>15.6 - 37.8</b>	°C	-
Zone 1	<b>160 - 188</b>	°C	-
Zone 2	<b>177 - 193</b>	°C	-
Zone 3	<b>188 - 210</b>	°C	-
Nozzle temperature	<b>188 - 216</b>	°C	-
Screw speed	<b>40 - 100</b>	rpm	-
Back pressure	<b>0 - 0.827</b>	MPa	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Pellets, Natural Color

**Features**

Anti Slip, Good Adhesion, Soft Feel

**Certifications**

Food contact, Food approval 10/2011, Food approval FDA 21 CFR

**Applications**

General Purpose, Sports Equipment

**Regional Availability**

Europe