

Versaflex™ G 7390

TPE

Avient Corporation

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

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	3.5	MPa	ASTM D 412
Modulus at 300% Elongation	1.5	MPa	ASTM D 412
Shore A Hardness	90	-	ASTM D 2240
Tear Strength	33	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	39	%	ASTM D 395
Compression Set , 22 hr @ 158 °F	70	%	ASTM D 395
Tensile Strength at Break	9.3	MPa	ASTM D 412
Elongation at Break	600	%	ASTM D 412

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

Other properties	Value	Unit	Test Standard
Density	1200	kg/m ³	ASTM D 792

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