

Versaflex™ 9570-9

TPE

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	57	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.0125	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	2.14	MPa	ASTM D 412
Modulus at 300% Elongation	1.15	MPa	ASTM D 412
Shore A Hardness	69	-	ASTM D 2240
Compression Set , 22 hr @ 73 °F	26	%	ASTM D 395
Tensile Strength at Break	5.52	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	990	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Mold temperature	15.6 - 26.7	°C	-
Zone 1	149 - 188	°C	-
Zone 2	160 - 199	°C	-
Zone 3	171 - 210	°C	-
Nozzle temperature	171 - 210	°C	-
Screw speed	50 - 100	rpm	-
Injection speed	25.4 - 127	mm/s	-
Back pressure	0 - 0.689	MPa	-
Holding pressure	0.621 - 1.45	MPa	-

Characteristics**Processing**

Injection Molding

Delivery form

Black

Features

Good Adhesion

Certifications

Food contact

Regional Availability

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