

Versaflex™ CL30

TPE

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	110	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.023	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	0.689	MPa	ASTM D 412
Modulus at 300% Elongation	0.46	MPa	ASTM D 412
Shore A Hardness	30	-	ASTM D 2240
Tear Strength	19.3	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	11	%	ASTM D 395
Tensile Strength at Break	5.18	MPa	ASTM D 412
Elongation at Break	870	%	ASTM D 412

Other properties	Value	Unit	Test Standard
Density	890	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 - 199	°C	-
Zone 3	182 - 227	°C	-
Nozzle temperature	188 - 227	°C	-
Screw speed	75 - 125	rpm	-
Injection speed	25.4 - 127	mm/s	-
Back pressure	0 - 0.862	MPa	-
Holding pressure	0.827 - 2.07	MPa	-

Characteristics**Processing**

Injection Molding, Other Extrusion

Delivery form

Pellets

Special Characteristics

Transparent

Features

Good Adhesion, Soft Feel

Certifications

Food contact

Regional Availability

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