

Versollan™ RU 2204X

TPU

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	76	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.014	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	1.86	MPa	ASTM D 412
Modulus at 300% Elongation	1.01	MPa	ASTM D 412
Shore A Hardness	55	-	ASTM D 2240
Tear Strength	42	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	26	%	ASTM D 395
Tensile Strength at Break	12.4	MPa	ASTM D 412
Elongation at Break	690	%	ASTM D 412

Other properties	Value	Unit	Test Standard
Density	1140	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	48.9 - 54.4	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	188 - 210	°C	-
Mold temperature	21.1 - 32.2	°C	-
Zone 1	163 - 188	°C	-
Zone 2	182 - 193	°C	-
Zone 3	188 - 210	°C	-
Nozzle temperature	193 - 216	°C	-
Screw speed	75 - 125	rpm	-
Injection speed	12.7 - 50.8	mm/s	-
Back pressure	0 - 0.552	MPa	-
Holding pressure	0.621 - 1.45	MPa	-

Characteristics**Processing**

Injection Molding, Other Extrusion

Delivery form

Natural Color

Features

Soft Feel

Chemical Resistance

General Chemical Resistance, Oil Resistance

Regional Availability

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