

**OnFlex™ U 5380A-S0013**

TPU

Avient Corporation

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Strain at break	<b>540</b>	%	ISO 37
Compression set at 23 °C, 24h	<b>31</b>	%	ISO 815
Compression set at 70 °C, 24h	<b>69</b>	%	ISO 815
Shore A hardness	<b>80</b>	-	ISO 7619-1

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1090</b>	kg/m <sup>3</sup>	ISO 1183

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Pre-drying - Temperature	<b>100</b>	°C	-
Pre-drying - Time	<b>2</b>	h	-
Melt temperature	<b>170 - 210</b>	°C	-
Mold temperature	<b>30 - 60</b>	°C	-

**Characteristics****Processing**

Injection Molding, Other Extrusion

**Delivery form**

Pellets

**Features**

Scratch Resistant

**Chemical Resistance**

General Chemical Resistance, Oil Resistance

**Applications**

Automotive, General Purpose

**Regional Availability**

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