

**Product Texts**

Aliphatic polycaprolactone based TPU.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Strength	<b>42.5</b>	MPa	ISO 527
Stress at 100% elongation	<b>8</b>	MPa	ISO 527
Stress at 300% elongation	<b>19.5</b>	MPa	ISO 527
Strain at break TPE	<b>525</b>	%	ISO 527
Abrasion resistance	<b>35</b>	mm <sup>3</sup>	ISO 4649
Shore A hardness	<b>90</b>	-	ISO 7619-1

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1130</b>	kg/m <sup>3</sup>	ISO 1183

<b>Processing Recommendation Extrusion</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Pre-drying - Temperature	<b>60</b>	°C	-
Pre-drying - Time	<b>4</b>	h	-
Processing humidity	<b>≤0.02</b>	%	-
Zone 1	<b>165 - 175</b>	°C	-
Zone 2	<b>175 - 185</b>	°C	-
Zone 3	<b>175 - 185</b>	°C	-
Zone 4	<b>185 - 195</b>	°C	-
Nozzle temperature	<b>190 - 200</b>	°C	-

**Characteristics****Processing**

Film Extrusion, Profile Extrusion

**Features**

Color Stability

**Delivery form**

Pellets

**Regional Availability**

North America, Europe

**Special Characteristics**

U.V. stabilized or stable to weather