

**Product Texts**

Topolymer® 5711-801B is completely recyclable.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Modulus at 100% Elongation	<b>4</b>	MPa	ASTM D 412
Shore A Hardness	<b>81</b>	-	ASTM D 2240
Tear Strength	<b>11</b>	kN/m	ASTM D 624
Tensile Strength at Break	<b>13</b>	MPa	ASTM D 412
Elongation at Break	<b>650</b>	%	ASTM D 412

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-0</b>	-	UL 94

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1000</b>	kg/m <sup>3</sup>	ASTM D 792

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Pre-drying - Temperature	<b>90</b>	°C	-
Pre-drying - Time	<b>2 - 3</b>	h	-
Mold temperature	<b>40 - 60</b>	°C	-
Zone 1	<b>160 - 180</b>	°C	-
Zone 2	<b>180 - 210</b>	°C	-
Zone 3	<b>180 - 210</b>	°C	-
Nozzle temperature	<b>160 - 90</b>	°C	-
Screw speed	<b>100 - 200</b>	rpm	-
Back pressure	<b>0.35 - 0.7</b>	MPa	-

**Characteristics**

**Processing**

Injection Molding

**Delivery form**

Pellets, Black

**Special Characteristics**

Flame retardant, Halogen-free, U.V. stabilized or stable to weather, Heat stabilized or stable to heat

**Features**

Soft Feel

**Applications**

Automotive, Electrical and Electronical

**Regional Availability**

Asia Pacific