

**Product Texts**

Tophane™ 2170 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	2.6	MPa	ASTM D 412
Modulus at 300% Elongation	1.5	MPa	ASTM D 412
Shore A Hardness	70	-	ASTM D 2240
Tear Strength	61.2	kN/m	ASTM D 624
Tensile Strength at Break	25.5	MPa	ASTM D 412
Elongation at Break	800	%	ASTM D 412

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	1160	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	90 - 110	°C	-
Pre-drying - Time	3 - 4	h	-
Zone 1	170 - 180	°C	-
Zone 2	180 - 200	°C	-
Zone 3	190 - 210	°C	-
Nozzle temperature	195 - 205	°C	-
Screw speed	50 - 80	rpm	-
Injection pressure	50 - 100	MPa	-
Back pressure	0.3 - 0.6	MPa	-
Holding pressure	30 - 60	MPa	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Pellets

**Chemical Resistance**

General Chemical Resistance, Oil Resistance

**Applications**

Automotive, Electrical and Electronical, Sports Equipment

**Regional Availability**

Asia Pacific