

**LAPRENE® 830901778 NERO - SEBS**

<b>Physical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	64.9	lb/ft <sup>3</sup>	ISO 1183

<b>Mechanical properties (TPE)</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Tensile stress at 100% strain	261	psi	ISO 37
Tensile stress at 300%, perpendicular	377	psi	ISO 37
Compression Set under constant strain at 70 °C, 24h	44	%	ISO 815
Tensile strain at break (TPE)	750	%	ISO 37
Tensile stress at break (TPE)	928	psi	ISO 37
Shore A hardness-TPE, 15s	66	-	ISO 868
Tear strength	137	lb/in	ISO 34-1

**Typical injection moulding processing conditions**

<b>Temperature</b>	<b>Value</b>	<b>Unit</b>
Zone1 temperature	329 - 347	°F
Zone2 temperature	347 - 365	°F
Zone3 temperature	356 - 374	°F
Nozzle temperature	365 - 383	°F
Mold temperature	68 - 104	°F