

**LAPRENE® 83K901786 NERO - SEBS**

<b>Physical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	57.7	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	87	psi	ISO 37
Tensile stress at 300%, perpendicular	189	psi	ISO 37
Tensile strain at break (TPE)	588	%	ISO 37
Tensile stress at break (TPE)	348	psi	ISO 37
Shore A hardness-TPE, 3s	27	-	ISO 868
Tear strength	62.9	lb/in	ISO 34-1

**Typical injection moulding processing conditions**

<b>Temperature</b>	<b>Value</b>	<b>Unit</b>
Zone1 temperature	401 - 419	°F
Zone2 temperature	419 - 437	°F
Zone3 temperature	437 - 455	°F
Nozzle temperature	437 - 455	°F
Mold temperature	86 - 122	°F

**Other text information**

**Pre-drying**

2h@80C

**Longer pre-drying times/storage**

Laprene must be stored indoors in the original, unopened and undamaged packaging, away from direct sunlight, moisture and heat.