

**LAPRENE® 83FM9ZA84 NERO - SEBS**

<b>Physical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	62.9	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	493	psi	ISO 37
Tensile stress at 300%, perpendicular	667	psi	ISO 37
Compression Set under constant strain at 70 °C, 24h	61	%	ISO 815
Tensile strain at break (TPE)	777	%	ISO 37
Tensile stress at break (TPE)	2290	psi	ISO 37
Shore A hardness-TPE, 3s	84	-	ISO 868
Tear strength	280	lb/in	ISO 34-1
Tensile set (elastomers)	17	%	ASTM D412

**Typical injection moulding processing conditions**

<b>Temperature</b>	<b>Value</b>	<b>Unit</b>
Zone1 temperature	347 - 365	°F
Zone2 temperature	365 - 383	°F
Zone3 temperature	374 - 392	°F
Nozzle temperature	383 - 401	°F
Mold temperature	68 - 104	°F

**Other text information**

**Pre-drying**

Drying not necessary

**Longer pre-drying times/storage**

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