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**LAPRENE® NERO 83FM9ZA40 - SEBS**


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<b>Physical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>997</b>	kg/m <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	<b>0.8</b>	MPa	ISO 37
Tensile stress at 300% strain	<b>1.4</b>	MPa	ISO 37
Tensile strain at break (TPE)	<b>913</b>	%	ISO 37
Tensile stress at break (TPE)	<b>7.7</b>	MPa	ISO 37
Shore A hardness, 3s	<b>42</b>	-	ISO 868
Tear strength	<b>21</b>	kN/m	ISO 34-1

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**Typical injection moulding processing conditions**


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<b>Temperature</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Zone1 temperature	<b>165 - 175</b>	°C	-
Zone2 temperature	<b>175 - 185</b>	°C	-
Zone3 temperature	<b>180 - 190</b>	°C	-
Nozzle temperature	<b>185 - 195</b>	°C	-
Mold temperature	<b>20 - 40</b>	°C	-

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**Other text information**


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**Pre-drying**


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Drying not necessary

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**Longer pre-drying times/storage**


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