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**FORPRENE® NERO 6E1901A85 - TPV**


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<b>Physical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1240</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>3.7</b>	MPa	ISO 37
Tensile stress at 300% strain	<b>4.5</b>	MPa	ISO 37
Tensile strain at break (TPE)	<b>485</b>	%	ISO 37
Tensile stress at break (TPE)	<b>5.9</b>	MPa	ISO 37
Shore A hardness, 15s	<b>86</b>	-	ISO 868
Tear strength	<b>33</b>	kN/m	ISO 34-1

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Flammability @1.6mm nom. thickn.	<b>V-0</b>	class	UL 94

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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>170 - 180</b>	°C	-
Zone2 temperature	<b>180 - 190</b>	°C	-
Zone3 temperature	<b>185 - 195</b>	°C	-
Nozzle temperature	<b>180 - 190</b>	°C	-
Extrusion Molding, Head Temperature	<b>190 - 200</b>	°C	Internal

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**Other text information**


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**Pre-drying**


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3h@80C

**Longer pre-drying times/storage**


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

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**Characteristics**


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**Special Characteristics**


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Flame retardant