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**FORPRENE® NEUTRO 6E1001D42 - TPV**


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Physical properties	Value	Unit	Test Standard
Density	1200	kg/m <sup>3</sup>	ISO 1183

Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100% strain	7.1	MPa	ISO 37
Tensile stress at 300% strain	7.9	MPa	ISO 37
Tensile strain at break (TPE)	511	%	ISO 37
Tensile stress at break (TPE)	10	MPa	ISO 37
Shore D hardness, 15s	42	-	ISO 868
Tear strength	54	kN/m	ISO 34-1

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

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**Typical injection moulding processing conditions**


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Temperature	Value	Unit	Test Standard
Zone1 temperature	170 - 180	°C	-
Zone2 temperature	180 - 190	°C	-
Zone3 temperature	185 - 195	°C	-
Nozzle temperature	180 - 190	°C	-
Extrusion Molding, Head Temperature	190 - 200	°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