FORPRENE® 6M0901A70 NERO - TPV

Physical properties	Value	Unit	Test Standard
Density	**977**	kg/m³	ISO 1183

Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100%, perpendicular	**2.8**	MPa	ISO 37
Tensile stress at 300%, perpendicular	**4.1**	MPa	ISO 37
Compression set, 70 °C, 22h, Type A	**47**	%	ISO 815
Tensile strain at break, perpendicular	**613**	%	ISO 37
Tensile stress at break, perpendicular	**7.3**	MPa	ISO 37
Shore A hardness-TPE, 15s	**73**	-	ISO 868
Tear strength, Method Ba, perpendicular	**34**	kN/m	ISO 34-1

Typical injection moulding processing conditions

Temperature	Value	Unit
Zone1 temperature	**175 - 185**	°C
Zone2 temperature	**185 - 195**	°C
Zone3 temperature	**190 - 200**	°C
Nozzle temperature	**195 - 205**	°C
Mold temperature	**20 - 40**	°C

Other text information

Pre-drying

3h@80C

Longer pre-drying times/storage

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

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