

FORPRENE® 6MD901A70 NERO - TPV

Physical properties	Value	Unit	Test Standard
Density	954	kg/m ³	ISO 1183
Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100%, perpendicular	2.9	MPa	ISO 37
Tensile stress at 300%, perpendicular	4.4	MPa	ISO 37
Compression set, 70 °C, 22h, Type A	31	%	ISO 815
Tensile strain at break, perpendicular	568	%	ISO 37
Tensile stress at break, perpendicular	7.1	MPa	ISO 37
Shore A hardness-TPE, 15s	72	-	ISO 868
Tear strength, Method Ba, perpendicular	32	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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