

FORPRENE® NERO 6M5901A50 - TPV

Physical properties	Value	Unit	Test Standard
Density	1000	kg/m³	ISO 1183

Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100% strain	1.6	MPa	ISO 37
Tensile stress at 300% strain	2.5	MPa	ISO 37
Tensile strain at break (TPE)	627	%	ISO 37
Tensile stress at break (TPE)	4.8	MPa	ISO 37
Shore A hardness, 15s	52	-	ISO 868
Tear strength	20	kN/m	ISO 34-1

Typical injection moulding processing conditions

Temperature	Value	Unit	Test Standard
Zone1 temperature	155 - 165	°C	-
Zone2 temperature	165 - 175	°C	-
Zone3 temperature	175 - 185	°C	-
Nozzle temperature	180 - 190	°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.