

FORPRENE® NERO 6IE901D50 - TPV

Physical properties	Value	Unit	Test Standard
Density	950	kg/m ³	ISO 1183

Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100% strain	11.8	MPa	ISO 37
Tensile stress at 300% strain	12.1	MPa	ISO 37
Tensile strain at break (TPE)	700	%	ISO 37
Tensile stress at break (TPE)	23.2	MPa	ISO 37
Shore D hardness, 15s	51	-	ISO 868
Tear strength	90	kN/m	ISO 34-1

Typical injection moulding processing conditions

Temperature	Value	Unit	Test Standard
Zone1 temperature	175 - 185	°C	-
Zone2 temperature	185 - 195	°C	-
Zone3 temperature	195 - 205	°C	-
Nozzle temperature	205 - 215	°C	-
Mold temperature	20 - 40	°C	-
Extrusion Molding, Head Temperature	200 - 210	°C	Internal

Other text information

Pre-drying

3h at 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.

Characteristics

Special Characteristics	Processing
UV resistant	Injection molding