

FORPRENE® NERO 6NB901D40 - TPV

Description

Blow molding grade

Physical properties	Value	Unit	Test Standard
Density	954	kg/m ³	ISO 1183

Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100% strain	7.9	MPa	ISO 37
Tensile stress at 300% strain	8.7	MPa	ISO 37
Tensile strain at break (TPE)	710	%	ISO 37
Tensile stress at break (TPE)	16.6	MPa	ISO 37
Shore D hardness, 15s	39	-	ISO 868
Tear strength	76	kN/m	ISO 34-1

Typical injection moulding processing conditions

Temperature	Value	Unit	Test Standard
Zone1 temperature	165 - 175	°C	-
Zone2 temperature	175 - 185	°C	-
Zone3 temperature	180 - 190	°C	-
Nozzle temperature	190 - 200	°C	-
Mold temperature	180 - 190	°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.