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Celanese
The chemistry inside innovation™

FORPRENE® NERO 6NB901D40/M - TPV

Physical properties	Value	Unit	Test Standard
Density	**950**	kg/m³	ISO 1183

Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100% strain	**9.3**	MPa	ISO 37
Tensile stress at 300% strain	**10**	MPa	ISO 37
Tensile strain at break (TPE)	**730**	%	ISO 37
Tensile stress at break (TPE)	**22.5**	MPa	ISO 37
Shore D hardness, 15s	**43**	-	ISO 868
Tear strength	**86**	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.