

FORPRENE® 6NE901D50/C NERO - TPV

Physical properties	Value	Unit	Test Standard
Density	59.6	lb/ft ³	ISO 1183

Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100%, perpendicular	1810	psi	ISO 37
Tensile stress at 300%, perpendicular	1860	psi	ISO 37
Tensile strain at break, perpendicular	640	%	ISO 37
Tensile stress at break, perpendicular	3190	psi	ISO 37
Shore D hardness-TPE, 15s	53	-	ISO 868
Tear strength, Method Ba, perpendicular	486	lb/in	ISO 34-1

Typical injection moulding processing conditions

Temperature	Value	Unit
Zone1 temperature	338 - 356	°F
Zone2 temperature	356 - 374	°F
Zone3 temperature	365 - 383	°F
Nozzle temperature	356 - 374	°F
Mold temperature	68 - 104	°F

Typical extrusion processing conditions

Temperature	Value	Unit
Zone 1 temperature	338 - 356	°F
Zone 2 temperature	356 - 374	°F
Zone 3 temperature	365 - 383	°F
Die head temperature	374 - 392	°F