

FORPRENE® 6E5G9ZD52 NERO - TPV

Physical properties	Value	Unit	Test Standard
Density	61.8	lb/ft ³	ISO 1183

Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100%, perpendicular	1710	psi	ISO 37
Tensile stress at 300%, perpendicular	1680	psi	ISO 37
Tensile strain at break, perpendicular	670	%	ISO 37
Tensile stress at break, perpendicular	2230	psi	ISO 37
Shore D hardness-TPE, 15s	51	-	ISO 868
Tear strength, Method Ba, perpendicular	537	lb/in	ISO 34-1

Typical injection moulding processing conditions

Temperature	Value	Unit	Test Standard
Zone1 temperature	338 - 356	°F	-
Zone2 temperature	356 - 374	°F	-
Zone3 temperature	365 - 383	°F	-
Nozzle temperature	356 - 374	°F	-
Extrusion Molding, Head Temperature	374 - 392	°F	Internal

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.

