

FORPRENE® NERO 6K5901A55 - TPV

Physical properties	Value	Unit	Test Standard
Density	990	kg/m³	ISO 1183

Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100% strain	1.9	MPa	ISO 37
Tensile stress at 300% strain	3.1	MPa	ISO 37
Tensile strain at break (TPE)	500	%	ISO 37
Tensile stress at break (TPE)	4.9	MPa	ISO 37
Shore A hardness, 3s	58	-	ISO 868
Shore A hardness, 15s	56	-	ISO 868
Tear strength	22	kN/m	ISO 34-1

Typical injection moulding processing conditions

Temperature	Value	Unit	Test Standard
Zone1 temperature	160 - 170	°C	-
Zone2 temperature	175 - 185	°C	-
Zone3 temperature	180 - 190	°C	-
Nozzle temperature	165 - 175	°C	-
Extrusion Molding, Head Temperature	185 - 195	°C	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.