

FORPRENE® GRAPHITE 6NM920A80 - TPV

Physical properties	Value	Unit	Test Standard
Density	950	kg/m ³	ISO 1183

Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100% strain	3.9	MPa	ISO 37
Tensile stress at 300% strain	5.6	MPa	ISO 37
Tensile strain at break (TPE)	530	%	ISO 37
Tensile stress at break (TPE)	8.2	MPa	ISO 37
Shore A hardness, 15s	79	-	ISO 868
Tear strength	45	kN/m	ISO 34-1

Typical injection moulding processing conditions

Temperature	Value	Unit	Test Standard
Zone1 temperature	175 - 185	°C	-
Zone2 temperature	185 - 195	°C	-
Zone3 temperature	190 - 200	°C	-
Nozzle temperature	195 - 205	°C	-
Mold temperature	20 - 40	°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.