HK:+852-69575415 China GuangDong:+13538586433 ShangHai:+18816996168

Celanese
The chemistry inside innovation™

FORPRENE® NERO 6IE901A90 - TPV

Physical properties	Value	Unit	Test Standard
Density	**960**	kg/m³	ISO 1183

Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100% strain	**4.8**	MPa	ISO 37
Tensile strain at break (TPE)	**580**	%	ISO 37
Tensile stress at break (TPE)	**11.4**	MPa	ISO 37
Shore A hardness, 15s	**88**	-	ISO 868
Tear strength	**53**	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	**195 - 205**	°C	-
Nozzle temperature	**205 - 215**	°C	-
Mold temperature	**20 - 40**	°C	-
Extrusion Molding, Head Temperature	**200 - 210**	°C	Internal

Other text information

Pre-drying

3h at 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.

Characteristics

Special Characteristics	Processing
UV resistant	Injection molding