

**FORPRENE® 6SD001A30 NEUTRO - TPV**

Physical properties	Value	Unit	Test Standard
Density	56.2	lb/ft³	ISO 1183
Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100%, perpendicular	102	psi	ISO 37
Tensile stress at 300%, perpendicular	218	psi	ISO 37
Compression set, 70°C, 22h, Type A	22	%	ISO 815
Tensile strain at break, perpendicular	422	%	ISO 37
Tensile stress at break, perpendicular	276	psi	ISO 37
Shore A hardness-TPE, 15s	28	-	ISO 868
Tear strength, Method Ba, perpendicular	57.1	lb/in	ISO 34-1
Tensile set (elastomers)	6	%	ASTM D412
Thermal properties	Value	Unit	Test Standard
Coeff. of linear therm expansion, parallel	1.03	E-4/°F	ISO 11359-2
Coeff. of linear therm expansion, normal	1.83	E-4/°F	ISO 11359-2

**Typical injection moulding processing conditions**

Temperature	Value	Unit
Zone1 temperature	311 - 329	°F
Zone2 temperature	329 - 347	°F
Zone3 temperature	347 - 365	°F
Nozzle temperature	356 - 374	°F
Mold temperature	68 - 104	°F

**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.

**Characteristics**

Processing	Injection molding