

**FORPRENE® 6NE901D50/C NERO - TPV**

| Physical properties | Value | Unit | Test Standard |
|---|--------------|--------------------|----------------------|
| Density | 59.6 | lb/ft ³ | ISO 1183 |
| Mechanical properties (TPE) | | | |
| Tensile stress at 100%, perpendicular | 1810 | psi | ISO 37 |
| Tensile stress at 300%, perpendicular | 1860 | psi | ISO 37 |
| Tensile strain at break, perpendicular | 640 | % | ISO 37 |
| Tensile stress at break, perpendicular | 3190 | psi | ISO 37 |
| Shore D hardness-TPE, 15s | 53 | - | ISO 868 |
| Tear strength, Method Ba, perpendicular | 486 | lb/in | ISO 34-1 |

Typical injection moulding processing conditions

| Temperature | Value | Unit |
|--------------------|--------------|-------------|
| Zone1 temperature | 338 - 356 | °F |
| Zone2 temperature | 356 - 374 | °F |
| Zone3 temperature | 365 - 383 | °F |
| Nozzle temperature | 356 - 374 | °F |
| Mold temperature | 68 - 104 | °F |

Typical extrusion processing conditions

| Temperature | Value | Unit |
|----------------------|--------------|-------------|
| Zone 1 temperature | 338 - 356 | °F |
| Zone 2 temperature | 356 - 374 | °F |
| Zone 3 temperature | 365 - 383 | °F |
| Die head temperature | 374 - 392 | °F |