

FORPRENE® 6SD001A20 NEUTRO - TPV

| Physical properties | Value | Unit | Test Standard |
|----------------------------|--------------|--------------------|----------------------|
| Density | 56 | lb/ft ³ | ISO 1183 |

| Mechanical properties (TPE) | Value | Unit | Test Standard |
|-----------------------------------------|--------------|-------------|----------------------|
| Tensile stress at 100%, perpendicular | 87 | psi | ISO 37 |
| Tensile stress at 300%, perpendicular | 160 | psi | ISO 37 |
| Compression set, 70 °C, 22h, Type A | 27 | % | ISO 815 |
| Tensile strain at break, perpendicular | 447 | % | ISO 37 |
| Tensile stress at break, perpendicular | 189 | psi | ISO 37 |
| Shore A hardness-TPE, 15s | 17 | - | ISO 868 |
| Tear strength, Method Ba, perpendicular | 40 | lb/in | ISO 34-1 |

Typical injection moulding processing conditions

| Temperature | Value | Unit |
|--------------------|--------------|-------------|
| Zone1 temperature | 347 - 365 | °F |
| Zone2 temperature | 365 - 383 | °F |
| Zone3 temperature | 383 - 401 | °F |
| Nozzle temperature | 401 - 419 | °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