

## FORPRENE® 6NM001A70 NEUTRO - TPV

| Physical properties | Value | Unit               | Test Standard |
|---------------------|-------|--------------------|---------------|
| Density             | 59.8  | lb/ft <sup>3</sup> | ISO 1183      |

| Mechanical properties (TPE)             | Value | Unit  | Test Standard |
|-----------------------------------------|-------|-------|---------------|
| Tensile stress at 100%, perpendicular   | 406   | psi   | ISO 37        |
| Tensile stress at 300%, perpendicular   | 595   | psi   | ISO 37        |
| Compression set, 70 °C, 22h, Type A     | 37    | %     | ISO 815       |
| Tensile strain at break, perpendicular  | 478   | %     | ISO 37        |
| Tensile stress at break, perpendicular  | 783   | psi   | ISO 37        |
| Shore A hardness-TPE, 15s               | 73    | -     | ISO 868       |
| Tear strength, Method Ba, perpendicular | 160   | lb/in | ISO 34-1      |
| Tensile set (elastomers)                | 16    | %     | ASTM D412     |

## Typical injection moulding processing conditions

| Temperature        | Value     | Unit |
|--------------------|-----------|------|
| Zone1 temperature  | 347 - 365 | °F   |
| Zone2 temperature  | 365 - 383 | °F   |
| Zone3 temperature  | 374 - 392 | °F   |
| Nozzle temperature | 383 - 401 | °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.