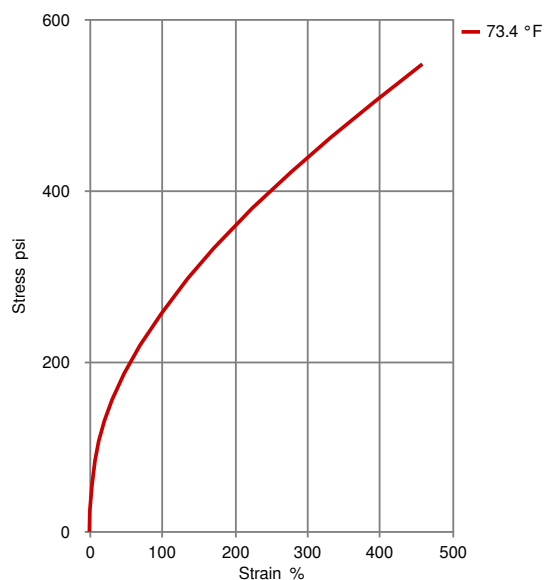


## FORPRENE® 6NM001A60 NEUTRO - TPV

| Physical properties                     | Value   | Unit   | Test Standard |
|-----------------------------------------|---------|--------|---------------|
| Density                                 | 59.1    | lb/ft³ | ISO 1183      |
| Mechanical properties                   | Value   | Unit   | Test Standard |
| Tensile modulus                         | 1169.01 | psi    | ISO 527-1, -2 |
| Mechanical properties (TPE)             | Value   | Unit   | Test Standard |
| Tensile stress at 100%, perpendicular   | 305     | psi    | ISO 37        |
| Tensile stress at 300%, perpendicular   | 522     | psi    | ISO 37        |
| Compression set, 70 °C, 22h, Type A     | 27      | %      | ISO 815       |
| Tensile strain at break, perpendicular  | 411     | %      | ISO 37        |
| Tensile stress at break, perpendicular  | 638     | psi    | ISO 37        |
| Shore A hardness-TPE, 15s               | 62      | -      | ISO 868       |
| Tear strength, Method Ba, perpendicular | 114     | lb/in  | ISO 34-1      |
| Tensile set (elastomers)                | 12      | %      | ASTM D412     |

## Diagrams

### Stress-Strain (TPE)



Tested according to ISO 37, 500 mm/min

## 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   |

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#### 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.

#### Other Approvals

| OEM      | Specification | Additional Information |
|----------|---------------|------------------------|
| VW Group | VW50123       | (with deviations)      |