

## LAPRENE® 830901540 NERO - SEBS

| Physical properties                  | Value | Unit               | Test Standard   |
|--------------------------------------|-------|--------------------|-----------------|
| Density                              | 68    | lb/ft <sup>3</sup> | ISO 1183        |
| Molding shrinkage, parallel (flow)   | 5.6   | %                  | ISO 294-4, 2577 |
| Molding shrinkage, transverse normal | 0.2   | %                  | ISO 294-4, 2577 |

| Mechanical properties (TPE)                         | Value | Unit  | Test Standard |
|-----------------------------------------------------|-------|-------|---------------|
| Tensile stress at 100% strain                       | 43.5  | psi   | ISO 37        |
| Tensile stress at 300%, perpendicular               | 131   | psi   | ISO 37        |
| Compression Set under constant strain at 70 °C, 24h | 43    | %     | ISO 815       |
| Tensile strain at break (TPE)                       | 940   | %     | ISO 37        |
| Tensile stress at break (TPE)                       | 508   | psi   | ISO 37        |
| Shore A hardness-TPE, 3s                            | 17    | -     | ISO 868       |
| Tear strength                                       | 85.7  | lb/in | ISO 34-1      |
| Tensile set (elastomers)                            | 0     | %     | ASTM D412     |

## Typical injection moulding processing conditions

| Temperature        | Value     | Unit |
|--------------------|-----------|------|
| Zone1 temperature  | 329 - 347 | °F   |
| Zone2 temperature  | 347 - 365 | °F   |
| Zone3 temperature  | 356 - 374 | °F   |
| Nozzle temperature | 365 - 383 | °F   |
| Mold temperature   | 68 - 104  | °F   |

## Other text information

### Pre-drying

Drying not necessary

### Longer pre-drying times/storage

Laprene must be stored indoors in the original, unopened and undamaged packaging, away from direct sunlight, moisture and heat.