

## LAPRENE® 83E000968 NEUTRO - SEBS

| Physical properties | Value | Unit               | Test Standard |
|---------------------|-------|--------------------|---------------|
| Density             | 55.6  | lb/ft <sup>3</sup> | ISO 1183      |

| Mechanical properties (TPE)                         | Value | Unit  | Test Standard |
|-----------------------------------------------------|-------|-------|---------------|
| Tensile stress at 100% strain                       | 174   | psi   | ISO 37        |
| Tensile stress at 300%, perpendicular               | 290   | psi   | ISO 37        |
| Compression Set under constant strain at 70 °C, 24h | 31    | %     | ISO 815       |
| Tensile strain at break (TPE)                       | 850   | %     | ISO 37        |
| Tensile stress at break (TPE)                       | 1190  | psi   | ISO 37        |
| Shore A hardness-TPE, 3s                            | 49    | -     | ISO 868       |
| Tear strength                                       | 149   | lb/in | ISO 34-1      |
| Tensile set (elastomers)                            | 4     | %     | ASTM D412     |

## Typical injection moulding processing conditions

| Temperature                         | Value     | Unit | Test Standard |
|-------------------------------------|-----------|------|---------------|
| Zone1 temperature                   | 320 - 338 | °F   | -             |
| Zone2 temperature                   | 338 - 356 | °F   | -             |
| Zone3 temperature                   | 347 - 365 | °F   | -             |
| Nozzle temperature                  | 329 - 347 | °F   | -             |
| Extrusion Molding, Head Temperature | 356 - 374 | °F   | Internal      |

## 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.