

## LAPRENE® 83FM00A55 NEUTRO - SEBS

| Physical properties | Value | Unit   | Test Standard |
|---------------------|-------|--------|---------------|
| Density             | 62.1  | lb/ft³ | ISO 1183      |

| Mechanical properties (TPE)                         | Value | Unit  | Test Standard |
|-----------------------------------------------------|-------|-------|---------------|
| Tensile stress at 100% strain                       | 203   | psi   | ISO 37        |
| Tensile stress at 300%, perpendicular               | 319   | psi   | ISO 37        |
| Compression Set under constant strain at 70 °C, 24h | 48    | %     | ISO 815       |
| Tensile strain at break (TPE)                       | 875   | %     | ISO 37        |
| Tensile stress at break (TPE)                       | 1290  | psi   | ISO 37        |
| Shore A hardness-TPE, 3s                            | 60    | -     | ISO 868       |
| Tear strength                                       | 154   | lb/in | ISO 34-1      |

## 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.

