

## LAPRENE® 83E200A70 NEUTRO - SEBS

| Physical properties                                 | Value | Unit               | Test Standard |
|-----------------------------------------------------|-------|--------------------|---------------|
| Density                                             | 74.6  | lb/ft <sup>3</sup> | ISO 1183      |
| Mechanical properties (TPE)                         | Value | Unit               | Test Standard |
| Tensile stress at 100% strain                       | 319   | psi                | ISO 37        |
| Tensile stress at 300%, perpendicular               | 464   | psi                | ISO 37        |
| Compression Set under constant strain at 70 °C, 24h | 46    | %                  | ISO 815       |
| Tensile strain at break (TPE)                       | 705   | %                  | ISO 37        |
| Tensile stress at break (TPE)                       | 1420  | psi                | ISO 37        |
| Shore A hardness-TPE, 3s                            | 73    | -                  | ISO 868       |
| Tear strength                                       | 217   | lb/in              | ISO 34-1      |
| Tensile set (elastomers)                            | 8     | %                  | ASTM D412     |

## Typical injection moulding processing conditions

| Temperature        | Value     | Unit |
|--------------------|-----------|------|
| Zone1 temperature  | 320 - 338 | °F   |
| Zone2 temperature  | 338 - 356 | °F   |
| Zone3 temperature  | 347 - 365 | °F   |
| Nozzle temperature | 329 - 347 | °F   |
| Mold temperature   | 68 - 104  | °F   |

## Typical extrusion processing conditions

| Temperature          | Value     | Unit |
|----------------------|-----------|------|
| Zone 1 temperature   | 320 - 338 | °F   |
| Zone 2 temperature   | 338 - 356 | °F   |
| Zone 3 temperature   | 347 - 365 | °F   |
| Die head temperature | 347 - 365 | °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.