

**LAPRENE® 830901951 NERO - SEBS**

| <b>Physical properties</b> | <b>Value</b> | <b>Unit</b>        | <b>Test Standard</b> |
|----------------------------|--------------|--------------------|----------------------|
| Density                    | 56.2         | lb/ft <sup>3</sup> | ISO 1183             |

| <b>Mechanical properties (TPE)</b>    | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|---------------------------------------|--------------|-------------|----------------------|
| Tensile stress at 100% strain         | 174          | psi         | ISO 37               |
| Tensile stress at 300%, perpendicular | 348          | psi         | ISO 37               |
| Tensile strain at break (TPE)         | 590          | %           | ISO 37               |
| Tensile stress at break (TPE)         | 754          | psi         | ISO 37               |
| Shore A hardness-TPE, 3s              | 45           | -           | ISO 868              |
| Tear strength                         | 120          | lb/in       | ISO 34-1             |

**Typical injection moulding processing conditions**

| <b>Temperature</b> | <b>Value</b> | <b>Unit</b> |
|--------------------|--------------|-------------|
| 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.