

## LAPRENE® 8K1901A90 NERO - SEBS

| Physical properties | Value | Unit               | Test Standard |
|---------------------|-------|--------------------|---------------|
| Density             | 68    | lb/ft <sup>3</sup> | ISO 1183      |

| Mechanical properties (TPE)           | Value | Unit  | Test Standard |
|---------------------------------------|-------|-------|---------------|
| Tensile stress at 100% strain         | 827   | psi   | ISO 37        |
| Tensile stress at 300%, perpendicular | 1550  | psi   | ISO 37        |
| Tensile strain at break (TPE)         | 518   | %     | ISO 37        |
| Tensile stress at break (TPE)         | 2760  | psi   | ISO 37        |
| Shore A hardness-TPE, 3s              | 90    | -     | ISO 868       |
| Tear strength                         | 423   | lb/in | ISO 34-1      |

## Typical injection moulding processing conditions

| Temperature        | Value     | Unit |
|--------------------|-----------|------|
| Zone1 temperature  | 401 - 419 | °F   |
| Zone2 temperature  | 419 - 437 | °F   |
| Zone3 temperature  | 437 - 455 | °F   |
| Nozzle temperature | 437 - 455 | °F   |
| Mold temperature   | 86 - 122  | °F   |

## Other text information

### Pre-drying

2h@80C

### Longer pre-drying times/storage

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