

## LAPRENE® 8KS9P1A60 NERO - SEBS

| Physical properties | Value | Unit               | Test Standard |
|---------------------|-------|--------------------|---------------|
| Density             | 69.3  | lb/ft <sup>3</sup> | ISO 1183      |

| Mechanical properties (TPE)                         | Value | Unit  | Test Standard |
|-----------------------------------------------------|-------|-------|---------------|
| Tensile stress at 100% strain                       | 290   | psi   | ISO 37        |
| Tensile stress at 300%, perpendicular               | 421   | psi   | ISO 37        |
| Compression Set under constant strain at 70 °C, 24h | 57    | %     | ISO 815       |
| Tensile strain at break (TPE)                       | 595   | %     | ISO 37        |
| Tensile stress at break (TPE)                       | 653   | psi   | ISO 37        |
| Shore A hardness-TPE, 3s                            | 62    | -     | ISO 868       |
| Tear strength                                       | 137   | lb/in | ISO 34-1      |

## Typical injection moulding processing conditions

| Temperature        | Value     | Unit |
|--------------------|-----------|------|
| Zone1 temperature  | 419 - 437 | °F   |
| Zone2 temperature  | 437 - 455 | °F   |
| Zone3 temperature  | 464 - 482 | °F   |
| Nozzle temperature | 455 - 473 | °F   |
| Mold temperature   | 86 - 122  | °F   |

## Other text information

### Pre-drying

3h@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.