

## LAPRENE® NERO 8K19P1A55 - SEBS

| Physical properties | Value | Unit              | Test Standard |
|---------------------|-------|-------------------|---------------|
| Density             | 1050  | kg/m <sup>3</sup> | ISO 1183      |

| Mechanical properties (TPE)   | Value | Unit | Test Standard |
|-------------------------------|-------|------|---------------|
| Tensile stress at 100% strain | 1.9   | MPa  | ISO 37        |
| Tensile stress at 300% strain | 3.8   | MPa  | ISO 37        |
| Tensile strain at break (TPE) | 670   | %    | ISO 37        |
| Tensile stress at break (TPE) | 11.5  | MPa  | ISO 37        |
| Shore A hardness, 3s          | 58    | -    | ISO 868       |
| Tear strength                 | 38    | kN/m | ISO 34-1      |

### Typical injection moulding processing conditions

| Temperature        | Value     | Unit | Test Standard |
|--------------------|-----------|------|---------------|
| Zone1 temperature  | 205 - 215 | °C   | -             |
| Zone2 temperature  | 215 - 225 | °C   | -             |
| Zone3 temperature  | 225 - 235 | °C   | -             |
| Nozzle temperature | 225 - 235 | °C   | -             |
| Mold temperature   | 30 - 50   | °C   | -             |

### 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.

