

**LAPRENE® GRIGIO 83SS4F543 - SEBS**

| Physical properties | Value | Unit              | Test Standard |
|---------------------|-------|-------------------|---------------|
| Density             | 1180  | kg/m <sup>3</sup> | ISO 1183      |

| Mechanical properties (TPE)   | Value | Unit | Test Standard |
|-------------------------------|-------|------|---------------|
| Tensile stress at 100% strain | 1.1   | MPa  | ISO 37        |
| Tensile stress at 300% strain | 1.6   | MPa  | ISO 37        |
| Tensile strain at break (TPE) | 830   | %    | ISO 37        |
| Tensile stress at break (TPE) | 5.8   | MPa  | ISO 37        |
| Shore A hardness, 3s          | 53    | -    | ISO 868       |
| Tear strength                 | 20    | kN/m | ISO 34-1      |

**Typical injection moulding processing conditions**

| Temperature        | Value     | Unit | Test Standard |
|--------------------|-----------|------|---------------|
| Zone1 temperature  | 165 - 175 | °C   | -             |
| Zone2 temperature  | 175 - 185 | °C   | -             |
| Zone3 temperature  | 180 - 190 | °C   | -             |
| Nozzle temperature | 185 - 195 | °C   | -             |
| Mold temperature   | 20 - 40   | °C   | -             |

**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.