

LAPRENE® 830901957 NERO - SEBS

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

| Mechanical properties (TPE) | Value | Unit | Test Standard |
|---|--------------|-------------|----------------------|
| Tensile stress at 100% strain | 218 | psi | ISO 37 |
| Tensile stress at 300%, perpendicular | 377 | psi | ISO 37 |
| Compression Set under constant strain at 70 °C, 24h | 61 | % | ISO 815 |
| Tensile strain at break (TPE) | 830 | % | ISO 37 |
| Tensile stress at break (TPE) | 1510 | psi | ISO 37 |
| Shore A hardness-TPE, 3s | 62 | - | ISO 868 |
| Tear strength | 177 | lb/in | ISO 34-1 |
| Tensile set (elastomers) | 5 | % | ASTM D412 |

Typical injection moulding processing conditions

| Temperature | Value | Unit |
|--------------------|--------------|-------------|
| 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.