

LAPRENE® 8KS901A65 NERO - SEBS

| Physical properties | Value | Unit | Test Standard |
|----------------------------|--------------|--------------------|----------------------|
| Density | 66.8 | lb/ft ³ | ISO 1183 |

| Mechanical properties (TPE) | Value | Unit | Test Standard |
|---|--------------|-------------|----------------------|
| Tensile stress at 100% strain | 319 | psi | ISO 37 |
| Tensile stress at 300%, perpendicular | 464 | psi | ISO 37 |
| Compression Set under constant strain at 70 °C, 24h | 57 | % | ISO 815 |
| Tensile strain at break (TPE) | 625 | % | ISO 37 |
| Tensile stress at break (TPE) | 783 | psi | ISO 37 |
| Shore A hardness-TPE, 3s | 67 | - | 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.