

# LAPRENE® 83CS91555/C3 NERO

## LAPRENE®

### Product information

Resin Identification	SEBS	ISO 1043
Part Marking Code	>SEBS<	ISO 11469

### Rheological properties

Melt mass-flow rate	50 g/10min	ISO 1133
Melt mass-flow rate, Temperature	190 °C	
Melt mass-flow rate, Load	5 kg	

### Typical mechanical properties

Tensile stress at 100% elongation	0.9 MPa	ISO 527-1/-2 or ISO 37
Stress at 300% elongation	1.4 MPa	ISO 527-1/-2 or ISO 37
Stress at break	4.8 MPa	ISO 527-1/-2 or ISO 37
Elongation at break, perpendicular	856 %	ISO 527-1/-2 or ISO 37
Shore A hardness, 3s	43	ISO 48-4 / ISO 868
Compression set, 70°C, 24h	32 %	ISO 815
Tear strength, normal	18 kN/m	ISO 34-1

### Physical/Other properties

Density	1140 kg/m <sup>3</sup>	ISO 1183
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### Injection

Drying Recommended	no
Melt Temperature Optimum	180 °C
Min. melt temperature	170 °C
Max. melt temperature	190 °C
Screw tangential speed	≤15 m/s
Mold Temperature Optimum	30 °C
Min. mould temperature	20 °C
Max. mould temperature	40 °C

### Characteristics

Processing	Injection Moulding
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### Additional information

Processing Notes

#### Pre-Drying

Drying not necessary

#### Storage

Laprene must be stored indoors in the original, unopened and undamaged packaging, away from direct sunlight, moisture and heat.

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