

# LAPRENE® 830901823 NERO

LAPRENE®

## Product information

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

## Rheological properties

Melt mass-flow rate	13 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	3.7 MPa	ISO 527-1/-2 or ISO 37
Stress at 300% elongation	4.6 MPa	ISO 527-1/-2 or ISO 37
Stress at break	10.2 MPa	ISO 527-1/-2 or ISO 37
Elongation at break, perpendicular	688 %	ISO 527-1/-2 or ISO 37
Shore A hardness, 3s	86	ISO 48-4 / ISO 868
Compression set, 70 °C, 24h	57 %	ISO 815
Tear strength, normal	40 kN/m	ISO 34-1

## Physical/Other properties

Density	1190 kg/m <sup>3</sup>	ISO 1183
---------	------------------------	----------

## Injection

Drying Recommended	yes
Drying Temperature	80 °C
Drying Time, Dehumidified Dryer	2 h
Melt Temperature Optimum	180 °C
Min. melt temperature	170 °C
Max. melt temperature	200 °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
------------	--------------------

## 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.