

LAPRENE® 83GE9ZA60/3 NERO

LAPRENE®

Product information

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

Rheological properties

Melt mass-flow rate	250 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	1.7 MPa	ISO 527-1/-2 or ISO 37
Stress at 300% elongation	2.6 MPa	ISO 527-1/-2 or ISO 37
Stress at break	5.7 MPa	ISO 527-1/-2 or ISO 37
Elongation at break, perpendicular	710 %	ISO 527-1/-2 or ISO 37
Shore A hardness, 3s	65	ISO 48-4 / ISO 868
Compression set, 70 °C, 24h	68 %	ISO 815
Tear strength, normal	25 kN/m	ISO 34-1

Flammability

FMVSS Class	B	ISO 3795 (FMVSS 302)
Burning rate, Thickness 4 mm	42 mm/min	ISO 3795 (FMVSS 302)

Physical/Other properties

Density	990 kg/m ³	ISO 1183
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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	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
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Drying not necessary

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Storage

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