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LAPRENE® 83F901813 NERO

LAPRENE®

Product information

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

Rheological properties

Melt mass-flow rate	0.1	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	1.9	MPa	ISO 527-1/-2 or ISO 37
Stress at 300% elongation	2.8	MPa	ISO 527-1/-2 or ISO 37
Stress at break	7.8	MPa	ISO 527-1/-2 or ISO 37
Elongation at break, perpendicular	700	%	ISO 527-1/-2 or ISO 37
Shore A hardness, 3s	72		ISO 48-4 / ISO 868
Compression set, 70°C, 24h	42	%	ISO 815
Tear strength, normal	30	kN/m	ISO 34-1

Physical/Other properties

Density	1220	kg/m³	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	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

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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