

LAPRENE® 83CS00555 NEUTRO

LAPRENE®

Product information

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

Rheological properties

Melt mass-flow rate	42 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	5.1 MPa	ISO 527-1/-2 or ISO 37
Elongation at break, perpendicular	880 %	ISO 527-1/-2 or ISO 37
Shore A hardness, 3s	43	ISO 48-4 / ISO 868
Compression set, 70 °C, 24h	51 %	ISO 815
Tear strength, normal	21 kN/m	ISO 34-1

Physical/Other properties

Density	1130 kg/m ³	ISO 1183
---------	------------------------	----------

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
------------	--------------------

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.