Celanese
The chemistry inside innovation™

LAPRENE® 8P1000A27 NEUTRO

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Note:

Agglomeration of low hardness Laprene grades (below 35 Shore A) typically occurs and is characterized by pellet “blocking” behavior. Agglomeration does not influence material properties or part performance. It is recommended to avoid stacking pallets to reduce the tendency of agglomeration.

Product information

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

Rheological properties

Melt mass-flow rate	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	0.5	MPa	ISO 527-1/-2 or ISO 37
Stress at 300% elongation	1.8	MPa	ISO 527-1/-2 or ISO 37
Stress at break	5.2	MPa	ISO 527-1/-2 or ISO 37
Elongation at break, perpendicular	657	%	ISO 527-1/-2 or ISO 37
Shore A hardness, 3s	27		ISO 48-4 / ISO 868
Compression set, 70°C, 24h	29	%	ISO 815
Tear strength, normal	17	kN/m	ISO 34-1

Flammability

FMVSS Class	B		ISO 3795 (FMVSS 302)
Burning rate, Thickness 4 mm	28	mm/min	ISO 3795 (FMVSS 302)

Physical/Other properties

Density	1040	kg/m^3	ISO 1183

Injection

Drying Recommended	no	
Melt Temperature Optimum	170	°C
Min. melt temperature	160	°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.