

LAPRENE® 830901540 NERO - SEBS

Physical properties	Value	Unit	Test Standard
Density	68	lb/ft ³	ISO 1183
Molding shrinkage, parallel (flow)	5.6	%	ISO 294-4, 2577
Molding shrinkage, transverse normal	0.2	%	ISO 294-4, 2577
Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100% strain	43.5	psi	ISO 37
Tensile stress at 300%, perpendicular	131	psi	ISO 37
Compression Set under constant strain at 70 °C, 24h	43	%	ISO 815
Tensile strain at break (TPE)	940	%	ISO 37
Tensile stress at break (TPE)	508	psi	ISO 37
Shore A hardness-TPE, 3s	17	-	ISO 868
Tear strength	85.7	lb/in	ISO 34-1
Tensile set (elastomers)	0	%	ASTM D412

Typical injection moulding processing conditions

Temperature	Value	Unit
Zone1 temperature	329 - 347	°F
Zone2 temperature	347 - 365	°F
Zone3 temperature	356 - 374	°F
Nozzle temperature	365 - 383	°F
Mold temperature	68 - 104	°F

Other text information

Pre-drying

Drying not necessary

Longer pre-drying times/storage

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

