

LAPRENE® 830901616/2 NERO - SEBS

Physical properties	Value	Unit	Test Standard
Density	63.8	lb/ft ³	ISO 1183
Molding shrinkage, parallel (flow)	1.2	%	ISO 294-4, 2577
Molding shrinkage, transverse normal	1.2	%	ISO 294-4, 2577

Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100% strain	464	psi	ISO 37
Tensile stress at 300%, perpendicular	595	psi	ISO 37
Compression Set under constant strain at 70 °C, 24h	73	%	ISO 815
Tensile strain at break (TPE)	590	%	ISO 37
Tensile stress at break (TPE)	899	psi	ISO 37
Shore A hardness-TPE, 3s	83	-	ISO 868
Tear strength	206	lb/in	ISO 34-1
Tensile set (elastomers)	22	%	ASTM D412

Typical injection moulding processing conditions

Temperature	Value	Unit
Zone1 temperature	347 - 365	°F
Zone2 temperature	365 - 383	°F
Zone3 temperature	374 - 392	°F
Nozzle temperature	383 - 401	°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.