

LAPRENE® 830901778 NERO - SEBS

Physical properties	Value	Unit	Test Standard
Density	64.9	lb/ft ³	ISO 1183

Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100% strain	261	psi	ISO 37
Tensile stress at 300%, perpendicular	377	psi	ISO 37
Compression Set under constant strain at 70 °C, 24h	44	%	ISO 815
Tensile strain at break (TPE)	750	%	ISO 37
Tensile stress at break (TPE)	928	psi	ISO 37
Shore A hardness-TPE, 15s	66	-	ISO 868
Tear strength	137	lb/in	ISO 34-1

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