

LAPRENE® 83K901786 NERO - SEBS

Physical properties	Value	Unit	Test Standard
Density	57.7	lb/ft ³	ISO 1183

Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100% strain	87	psi	ISO 37
Tensile stress at 300%, perpendicular	189	psi	ISO 37
Tensile strain at break (TPE)	588	%	ISO 37
Tensile stress at break (TPE)	348	psi	ISO 37
Shore A hardness-TPE, 3s	27	-	ISO 868
Tear strength	62.9	lb/in	ISO 34-1

Typical injection moulding processing conditions

Temperature	Value	Unit
Zone1 temperature	401 - 419	°F
Zone2 temperature	419 - 437	°F
Zone3 temperature	437 - 455	°F
Nozzle temperature	437 - 455	°F
Mold temperature	86 - 122	°F

Other text information

Pre-drying

2h@80C

Longer pre-drying times/storage

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