

LAPRENE® 83E000968 NEUTRO - SEBS

Physical properties	Value	Unit	Test Standard
Density	55.6	lb/ft³	ISO 1183

Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100% strain	174	psi	ISO 37
Tensile stress at 300%, perpendicular	290	psi	ISO 37
Compression Set under constant strain at 70 °C, 24h	31	%	ISO 815
Tensile strain at break (TPE)	850	%	ISO 37
Tensile stress at break (TPE)	1190	psi	ISO 37
Shore A hardness-TPE, 3s	49	-	ISO 868
Tear strength	149	lb/in	ISO 34-1
Tensile set (elastomers)	4	%	ASTM D412

Typical injection moulding processing conditions

Temperature	Value	Unit	Test Standard
Zone1 temperature	320 - 338	°F	-
Zone2 temperature	338 - 356	°F	-
Zone3 temperature	347 - 365	°F	-
Nozzle temperature	329 - 347	°F	-
Extrusion Molding, Head Temperature	356 - 374	°F	Internal

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.

