

LAPRENE® 83FG00959/C NEUTRO - SEBS

Physical properties	Value	Unit	Test Standard
Density	57.4	lb/ft ³	ISO 1183

Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100% strain	798	psi	ISO 37
Tensile stress at 300%, perpendicular	1030	psi	ISO 37
Tensile strain at break (TPE)	535	%	ISO 37
Tensile stress at break (TPE)	1450	psi	ISO 37
Shore A hardness-TPE, 3s	89	-	ISO 868
Tear strength	371	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

Typical extrusion processing conditions

Temperature	Value	Unit
Zone 1 temperature	347 - 365	°F
Zone 2 temperature	365 - 383	°F
Zone 3 temperature	374 - 392	°F
Die head temperature	383 - 401	°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.