

LAPRENE® 83H901808 NERO - SEBS

Physical properties	Value	Unit	Test Standard
Density	73	lb/ft³	ISO 1183
Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100% strain	276	psi	ISO 37
Tensile stress at 300%, perpendicular	406	psi	ISO 37
Compression Set under constant strain at 70 °C, 24h	38	%	ISO 815
Tensile strain at break (TPE)	777	%	ISO 37
Tensile stress at break (TPE)	1190	psi	ISO 37
Shore A hardness-TPE, 3s	66	-	ISO 868
Tear strength	177	lb/in	ISO 34-1
Tensile set (elastomers)	10	%	ASTM D412

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

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.

Characteristics

Special Characteristics Auto spec approved

Other Approvals

OEM	Specification	Additional Information
Mercedes-Benz Group (Daimler)	DBL 5562	(5562.10)