

LAPRENE® 8KS901A90/H NERO - SEBS

Physical properties	Value	Unit	Test Standard
Density	74.6	lb/ft³	ISO 1183

Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100% strain	740	psi	ISO 37
Tensile stress at 300%, perpendicular	899	psi	ISO 37
Compression Set under constant strain at 70 °C, 24h	65	%	ISO 815
Tensile strain at break (TPE)	463	%	ISO 37
Tensile stress at break (TPE)	1070	psi	ISO 37
Shore A hardness-TPE, 3s	89	-	ISO 868
Tear strength	246	lb/in	ISO 34-1
Tensile set (elastomers)	16	%	ASTM D412

Typical injection moulding processing conditions

Temperature	Value	Unit
Zone1 temperature	419 - 437	°F
Zone2 temperature	437 - 455	°F
Zone3 temperature	464 - 482	°F
Nozzle temperature	455 - 473	°F
Mold temperature	86 - 122	°F

Other text information

Pre-drying

3h@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.