

LAPRENE® 8KS901A55 NERO - SEBS

Physical properties	Value	Unit	Test Standard
Density	64.5	lb/ft ³	ISO 1183

Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100% strain	218	psi	ISO 37
Tensile stress at 300%, perpendicular	319	psi	ISO 37
Compression Set under constant strain at 70 °C, 24h	78	%	ISO 815
Tensile strain at break (TPE)	605	%	ISO 37
Tensile stress at break (TPE)	406	psi	ISO 37
Shore A hardness-TPE, 3s	53	-	ISO 868
Tear strength	109	lb/in	ISO 34-1
Tensile set (elastomers)	14	%	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.