

LAPRENE® 8K3000A85 NATURALE - SEBS

Physical properties	Value	Unit	Test Standard
Density	67.7	lb/ft³	ISO 1183

Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100% strain	667	psi	ISO 37
Tensile stress at 300%, perpendicular	1190	psi	ISO 37
Tensile strain at break (TPE)	590	%	ISO 37
Tensile stress at break (TPE)	2470	psi	ISO 37
Shore A hardness-TPE, 3s	85	-	ISO 868
Tear strength	383	lb/in	ISO 34-1
Tensile set (elastomers)	12	%	ASTM D412

Typical injection moulding processing conditions

Temperature	Value	Unit	Test Standard
Zone1 temperature	347 - 365	°F	-
Zone2 temperature	365 - 383	°F	-
Zone3 temperature	383 - 401	°F	-
Nozzle temperature	365 - 383	°F	-
Extrusion Molding, Head Temperature	383 - 401	°F	Internal

Other text information

Pre-drying

2h@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.