

LAPRENE® 83E29ZA60/CB NERO - SEBS

Physical properties	Value	Unit	Test Standard
Density	72.4	lb/ft ³	ISO 1183

Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100% strain	247	psi	ISO 37
Tensile stress at 300%, perpendicular	377	psi	ISO 37
Compression Set under constant strain at 70 °C, 24h	31	%	ISO 815
Tensile strain at break (TPE)	808	%	ISO 37
Tensile stress at break (TPE)	1260	psi	ISO 37
Shore A hardness-TPE, 3s	62	-	ISO 868
Shore A hardness-TPE, 15s	60	-	ISO 868
Tear strength	160	lb/in	ISO 34-1
Tensile set (elastomers)	7	%	ASTM D412

Typical injection moulding processing conditions

Temperature	Value	Unit
Zone1 temperature	320 - 338	°F
Zone2 temperature	338 - 356	°F
Zone3 temperature	347 - 365	°F
Nozzle temperature	329 - 347	°F
Mold temperature	68 - 104	°F

Typical extrusion processing conditions

Temperature	Value	Unit
Zone 1 temperature	320 - 338	°F
Zone 2 temperature	338 - 356	°F
Zone 3 temperature	347 - 365	°F
Die head temperature	347 - 365	°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.