

LAPRENE® 8K1000A55/F NEUTRO - SEBS

Physical properties	Value	Unit	Test Standard
Density	65.2	lb/ft ³	ISO 1183

Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100% strain	261	psi	ISO 37
Tensile stress at 300%, perpendicular	479	psi	ISO 37
Tensile strain at break (TPE)	640	%	ISO 37
Tensile stress at break (TPE)	1510	psi	ISO 37
Shore A hardness-TPE, 3s	56	-	ISO 868
Tear strength	194	lb/in	ISO 34-1
Tensile set (elastomers)	10	%	ASTM D412

Typical injection moulding processing conditions

Temperature	Value	Unit
Zone1 temperature	401 - 419	°F
Zone2 temperature	419 - 437	°F
Zone3 temperature	437 - 455	°F
Nozzle temperature	437 - 455	°F
Mold temperature	86 - 122	°F

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.