

LAPRENE® 83FE00864 NEUTRO - SEBS

Physical properties	Value	Unit	Test Standard
Density	894	kg/m ³	ISO 1183
Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100% strain	1.1	MPa	ISO 37
Tensile stress at 300%, perpendicular	1.5	MPa	ISO 37
Tensile strain at break (TPE)	725	%	ISO 37
Tensile stress at break (TPE)	15.9	MPa	ISO 37
Shore A hardness-TPE, 3s	56	-	ISO 868
Tear strength	42	kN/m	ISO 34-1

Typical injection moulding processing conditions

Temperature	Value	Unit
Zone1 temperature	160 - 170	°C
Zone2 temperature	170 - 180	°C
Zone3 temperature	175 - 185	°C
Nozzle temperature	165 - 175	°C
Mold temperature	20 - 40	°C

Typical extrusion processing conditions

Temperature	Value	Unit
Zone 1 temperature	160 - 170	°C
Zone 2 temperature	170 - 180	°C
Zone 3 temperature	175 - 185	°C
Die head temperature	175 - 185	°C

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.

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General Disclaimer

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