

LAPRENE® NERO 83K901990 - SEBS

Physical properties	Value	Unit	Test Standard
Density	1030	kg/m ³	ISO 1183

Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100% strain	2.5	MPa	ISO 37
Tensile stress at 300% strain	4.5	MPa	ISO 37
Tensile strain at break (TPE)	570	%	ISO 37
Tensile stress at break (TPE)	8.4	MPa	ISO 37
Shore A hardness, 3s	68	-	ISO 868
Tear strength	44	kN/m	ISO 34-1

Typical injection moulding processing conditions

Temperature	Value	Unit	Test Standard
Zone1 temperature	205 - 215	°C	-
Zone2 temperature	215 - 225	°C	-
Zone3 temperature	225 - 235	°C	-
Nozzle temperature	225 - 235	°C	-
Mold temperature	30 - 50	°C	-

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.