
LAPRENE® NERO 83E29ZA80 - SEBS

Physical properties	Value	Unit	Test Standard
Density	1220	kg/m ³	ISO 1183

Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100% strain	3.2	MPa	ISO 37
Tensile stress at 300% strain	4.5	MPa	ISO 37
Tensile strain at break (TPE)	698	%	ISO 37
Tensile stress at break (TPE)	13.9	MPa	ISO 37
Shore A hardness, 3s	83	-	ISO 868
Tear strength	45	kN/m	ISO 34-1

Typical injection moulding processing conditions

Temperature	Value	Unit	Test Standard
Zone1 temperature	165 - 175	°C	-
Zone2 temperature	175 - 185	°C	-
Zone3 temperature	180 - 190	°C	-
Nozzle temperature	180 - 190	°C	-
Extrusion Molding, Head Temperature	190 - 200	°C	Internal

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.