

LAPRENE® 8M0..A30 - SEBS

Description

Note:

Agglomeration of low hardness Laprene grades (below 35 Shore A) typically occurs and is characterized by pellet “blocking” behavior. Agglomeration does not influence material properties or part performance. It is recommended to avoid stacking pallets to reduce the tendency of agglomeration.

Physical properties	Value	Unit	Test Standard
Density	59.9	lb/ft ³	ISO 1183

Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100% strain	87	psi	ISO 37
Tensile strain at break (TPE)	788	%	ISO 37
Tensile stress at break (TPE)	812	psi	ISO 37
Shore A hardness-TPE, 3s	31	-	ISO 868
Tear strength	103	lb/in	ISO 34-1

Typical injection moulding processing conditions

Temperature	Value	Unit
Zone1 temperature	320 - 356	°F
Zone2 temperature	338 - 374	°F
Zone3 temperature	338 - 374	°F
Nozzle temperature	356 - 392	°F
Mold temperature	68 - 104	°F

Other text information

Longer pre-drying times/storage

The material must be stored indoors in the original, unopened and undamaged packaging, away from direct sunlight, moisture and heat.