

SOFPRENE T® 59999ZA65 - SBS

Physical properties	Value	Unit	Test Standard
Density	1030	kg/m³	ISO 1183

Mechanical properties (TPE)	Value	Unit	Test Standard
Tensile stress at 100% strain	2.1	MPa	ISO 37
Tensile stress at 300% strain	3	MPa	ISO 37
Tensile strain at break (TPE)	447	%	ISO 37
Tensile stress at break (TPE)	3.7	MPa	ISO 37
Shore A hardness, 3s	68	-	ISO 868
Tear strength	21	kN/m	ISO 34-1

Typical injection moulding processing conditions

Temperature	Value	Unit	Test Standard
Zone1 temperature	155 - 165	°C	-
Zone2 temperature	165 - 175	°C	-
Zone3 temperature	175 - 185	°C	-
Nozzle temperature	180 - 190	°C	-
Mold temperature	20 - 40	°C	-

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.

Injection molding

Please note that the suggested temperatures are estimations. The actual desired temperatures can vary based on the molding machine design.

