



Solplast TH 45A9000 A1 TPS

Uteksol d.o.o.

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	14	g/10min	ISO 1133
MFI temperature	190	°C	-
MFI load	5	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Compression Set under constant strain, 23°C	15	%	ISO 815
Compression Set under constant strain, 70°C	32	%	ISO 815
Compression Set under constant strain, 100°C	54	%	ISO 815
Tear strength	19	kN/m	ISO 34-1
Shore Hardness A (15s)	45	-	ISO 868
Tensile Strength	6.1	MPa	ISO 37
Strain at Break	920	%	ISO 37

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1160	kg/m³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	170 - 230	°C	-
Mold temperature	30 - 40	°C	-

Characteristics

Processing

Injection Molding

Features

Copolymer