

Solplast TH 45D9000 B1
 TPS

Uteksol d.o.o.

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	15	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	42	%	ISO 815
Compression Set under constant strain, 70°C	70	%	ISO 815
Compression Set under constant strain, 100°C	72	%	ISO 815
Tear strength	78	kN/m	ISO 34-1
Shore Hardness D (15s)	45	-	ISO 868
Tensile Strength	19	MPa	ISO 37
Strain at Break	680	%	ISO 37

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	900	kg/m ³	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