

Solplast TH 45A11000 FR 2V0
TPS

Uteksol d.o.o.

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	0.2	g/10min	ISO 1133
MFI temperature	230	°C	-
MFI load	5	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Compression Set under constant strain, 70 °C	77	%	ISO 815
Compression Set under constant strain, 100 °C	85	%	ISO 815
Tear strength	17	kN/m	ISO 34-1
Shore Hardness A (15s)	45	-	ISO 868
Tensile Strength	2.7	MPa	ISO 37
Strain at Break	620	%	ISO 37

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Burning Behav. at thickness h	V-0	class	UL 94
Thickness tested	2.0	mm	-

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1170	kg/m³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	170 - 210	°C	-
Mold temperature	30 - 40	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Melt temperature	170 - 210	°C	-
Mold temperature	30 - 40	°C	-

Characteristics

Processing

Injection Molding, Other Extrusion

Features

Copolymer

Special Characteristics

Flame retardant, Halogen-free