



# Component - Plastics

File Number: E47960

## DSM Engineering Plastics B V

Urmonderbaan 22, Geleen 6167 RD NL



### Stanyl: TE250F6(h1)(j)

Polyamide 46 (PA46), pellets, glass reinforced, flame retardant

- (h1) - Virgin and regrind, up to 50% by weight inclusive, in thicknesses of 0.75mm and greater, have the same basic material characteristics, except for CTI.
- (j) - Virgin and regrind, up to 100% by weight inclusive, have the same basic material characteristics with respect to Flammability in the 0.75mm thickness and greater.

Flammability	Value	Test Method
Flame Rating		UL 94
0.350 mm, ALL	V-0	IEC 60695-11-10, -20
0.750 mm, ALL	V-0	
1.50 mm, ALL	V-0	
3.00 mm, ALL	V-0	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
0.350 mm	PLC 0	
0.750 mm	PLC 0	
1.50 mm	PLC 0	
3.00 mm	PLC 0	
High Amp Arc Ignition (HAI)		UL 746
0.350 mm	PLC 0	
0.750 mm	PLC 0	
1.50 mm	PLC 0	
3.00 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 2	UL 746
Dielectric Strength	23 kV/mm	ASTM D149 IEC 60243-1
High Voltage Arc Tracking Rate (HVTR)	PLC 1	UL 746
Arc Resistance	PLC 6	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
0.750 mm	140 °C	
1.50 mm	140 °C	
3.00 mm	140 °C	
RTI Imp		UL 746
0.750 mm	110 °C	
1.50 mm	125 °C	
3.00 mm	130 °C	
RTI Str		UL 746
0.750 mm	120 °C	
1.50 mm	125 °C	
3.00 mm	130 °C	
Ball Pressure Test (285°C, 3.00 mm)	Pass	IEC 60695-10-2
Physical	Value	Test Method
Dimensional Stability	0.0 %	ASTM D1042 ISO 2796



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