



Component - Plastics

File Number: E44716

SOLVAY ENGINEERING PLASTICS GBU

QUARTIER BELLE-ETOILE, AVE RAMBOZ, BOITE POSTALE 64, ST FONS CEDEX 69192 FR



Technyl: A 20 V25

Polyamide 66 (PA66), pellets, glass reinforced

NOTE - Materials designated "Technyl" may be prefixed by the letters "TY".

Flammability	Value	Test Method
Flame Rating		UL 94
0.750 mm, ALL	V-0	IEC 60695-11-10, -20
1.50 mm, ALL	V-0	
3.00 mm, ALL	V-0	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
0.750 mm	PLC 2	
1.50 mm	PLC 1	
3.00 mm	PLC 1	
High Amp Arc Ignition (HAI)		UL 746
0.750 mm	PLC 0	
1.50 mm	PLC 1	
3.00 mm	PLC 1	
Comparative Tracking Index (CTI)	PLC 1	UL 746
Dielectric Strength	35 kV/mm	ASTM D149 IEC 60243-1
High Voltage Arc Tracking Rate (HVTR)	PLC 2	UL 746
Volume Resistivity	1.0E+11 ohms·cm	ASTM D257 IEC 60093
Arc Resistance	PLC 5	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
0.750 mm	105 °C	
1.50 mm	115 °C	
3.00 mm	130 °C	
RTI Imp		UL 746
0.750 mm	105 °C	
1.50 mm	105 °C	
3.00 mm	105 °C	
RTI Str		UL 746
0.750 mm	105 °C	
1.50 mm	115 °C	
3.00 mm	130 °C	
Physical	Value	Test Method
Dimensional Stability	0.0 %	ASTM D1042 ISO 2796

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