



Component - Plastics

File Number: E44716

DOMO - POLYTECHNYL SAS

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



Technyl: A 205F(r4)

Polyamide 66 (PA66), pellets, unfilled

(r4) - Virgin and regrind up to 50% by weight inclusive have the same basic material characteristics with respect to flammability, HDT, and RTI

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

Flammability	Value	Test Method
Flame Rating		UL 94
0.38 mm, ALL	V-2	
0.75 mm, ALL	V-2	
1.5 mm, ALL	V-2	
3.0 mm, ALL	V-2	
Flammability Classification		IEC 60695-11-10, -20
0.38 mm, ALL	V-2	
0.75 mm, ALL	V-2	
1.5 mm, ALL	V-2	
3.0 mm, ALL	V-2	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
0.38 mm	PLC 4	
0.75 mm	PLC 4	
1.5 mm	PLC 3	
3.0 mm	PLC 2	
High Amp Arc Ignition (HAI)		UL 746
0.38 mm	PLC 0	
0.75 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746
High Voltage Arc Tracking Rate (HVTR)	PLC 0	UL 746
Arc Resistance	PLC 5	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
0.38 mm	105 °C	
0.75 mm	110 °C	
1.5 mm	115 °C	
3.0 mm	120 °C	
RTI Imp		UL 746
0.38 mm	65.0 °C	
0.75 mm	75.0 °C	
1.5 mm	75.0 °C	
3.0 mm	75.0 °C	

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Thermal	Value	Test Method
RTI Str		UL 746
0.38 mm	65.0 °C	
0.75 mm	85.0 °C	
1.5 mm	85.0 °C	
3.0 mm	85.0 °C	

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