



Component - Plastics

File Number: E340012

EUROSTAR ENGINEERING PLASTICS SAS

RUE DE LE FERME SAINT LADRE, ZI FOSSES SAINT WITZ, FOSSES CEDEX 95471 FR



Starflam: PA6 20GF U9 Z22, PF-1004 Z222, PX06009

Polyamide 6 (PA6), pellets

NOTE - Material designation may be followed by a color nomenclature consisting of either an alpha/numeric or numeric/alpha combination.

Flammability	Value	Test Method
Flame Rating		UL 94
0.750 mm, ALL	V-2	IEC 60695-11-10, -20
0.800 mm, ALL	V-2	
1.00 mm, ALL	V-2	
1.50 mm, ALL	V-2	
3.00 mm, ALL	V-2	
Glow Wire Flammability Index (1.00 mm)	960 °C	IEC 60695-2-12
Glow Wire Ignition Temperature (1.00 mm)	725 °C	IEC 60695-2-13
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
0.750 mm	PLC 3	
0.800 mm	PLC 0	
1.00 mm	PLC 0	
1.50 mm	PLC 0	
3.00 mm	PLC 0	
High Amp Arc Ignition (HAI)		UL 746
0.750 mm	PLC 0	
0.800 mm	PLC 0	
1.00 mm	PLC 0	
1.50 mm	PLC 0	
3.00 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746
Thermal	Value	Test Method
RTI Elec		UL 746
0.750 mm	125 °C	
0.800 mm	125 °C	
1.00 mm	125 °C	
1.50 mm	125 °C	
3.00 mm	125 °C	
RTI Imp		UL 746
0.750 mm	125 °C	
0.800 mm	125 °C	
1.00 mm	125 °C	
1.50 mm	125 °C	
3.00 mm	125 °C	

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Thermal	Value	Test Method
RTI Str		UL 746
0.750 mm	130 °C	
0.800 mm	130 °C	
1.00 mm	130 °C	
1.50 mm	130 °C	
3.00 mm	140 °C	

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