



Component - Plastics

File Number: E41938

E I DUPONT DE NEMOURS & CO INC

ENGINEERING POLYMERS, CHESTNUT RUN PLAZA, PO BOX 80713, WILMINGTON DE 19880-0713



Crastin: FR684NH(++)

Polybutylene Terephthalate (PBT), pellets, glass reinforced, flame retardant

(++) - CTI was evaluated on NC and GY color only

NOTE - (1) Material designations that are color pigmented may be followed by suffix letters and numbers. (2) Material designations may be prefixed by "ZYT" for Zytel or "MIN" for Minlon or "DEL" for Delrin or "CRA" for Crastin or "RYN" for Rynite or "ETPV" for ETPV or "SOR" for Sorona grades.

Flammability	Value	Test Method
Flame Rating		UL 94
0.750 mm, NC, GY, BK	V-0	IEC 60695-11-10, -20
1.50 mm, NC, GY, BK	V-0	
3.00 mm, NC, GY, BK	V-0	
Glow Wire Flammability Index		IEC 60695-2-12
0.750 mm	960 °C	
1.50 mm	960 °C	
3.00 mm	960 °C	
Glow Wire Ignition Temperature		IEC 60695-2-13
0.750 mm	750 °C	
1.50 mm	750 °C	
3.00 mm	800 °C	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
0.750 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	
1.50 mm	PLC 0	
3.00 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 1	UL 746
Thermal	Value	Test Method
RTI Elec		UL 746
0.750 mm	130 °C	
1.50 mm	130 °C	
3.00 mm	130 °C	
RTI Imp		UL 746
0.750 mm	125 °C	
1.50 mm	125 °C	
3.00 mm	125 °C	
RTI Str		UL 746
0.750 mm	140 °C	
1.50 mm	140 °C	
3.00 mm	140 °C	
Non-Chlorine & Non-Bromine Content	Value	Test Method
Non-Chlorine & Non-Bromine Material (NC)	Compliant	UL 746H/C-IC

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