Component - Plastics

File Number: E41938

CELANESE INTERNATIONAL CORP
8040 DIXIE HWY
FLORENCE, KY 41042-2904 United States

Crastin: SK605, SK605 ECO-B (S)

Polybutylene Terephthalate (PBT), pellets, glass reinforced

(S) - A 3-digit number indicating sustainability status

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 "CRA" for Crastin or "RYN" for Rynite.

Flammability	Value	Test Method
Flame Rating		UL 94
0.030 in, ALL	HB	
0.06 in, ALL	HB	
0.12 in, ALL	HB	
0.24 in, ALL	HB	
Flammability Classification		IEC 60695-11-10, -20
0.12 in, ALL	HB40	
0.24 in, ALL	HB40	
0.030 in, ALL	HB75	
0.06 in, ALL	HB75	
Glow Wire Flammability Index		IEC 60695-2-12
0.030 in	1340 °F	
0.06 in	1340 °F	
0.12 in	1520 °F	
Glow Wire Ignition Temperature		IEC 60695-2-13
0.030 in	1380 °F	
0.06 in	1380 °F	
0.12 in	1470 °F	
Electrical	**Value**	**Test Method**
Hot-wire Ignition (HWI)		UL 746A
0.06 in	PLC 3	
0.12 in	PLC 2	
0.24 in	PLC 0	
High Amp Arc Ignition (HAI)		UL 746A
0.06 in	PLC 1	
0.12 in	PLC 0	
0.24 in	PLC 0	
Comparative Tracking Index (CTI)	PLC 1	UL 746A
Dielectric Strength	840 V/mil	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 1	UL 746A
Arc Resistance	PLC 5	ASTM D495
Thermal	**Value**	**Test Method**
RTI Elec		UL 746B
0.030 in	266 °F	
0.06 in	266 °F	
0.12 in	266 °F	
0.24 in	266 °F	

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Thermal	Value	Test Method
RTI Imp		UL 746B
0.030 in	266 °F	
0.06 in	266 °F	
0.12 in	266 °F	
0.24 in	266 °F	
RTI Str		UL 746B
0.030 in	266 °F	
0.06 in	266 °F	
0.12 in	266 °F	
0.24 in	266 °F	
Physical	**Value**	**Test Method**
Dimensional Change	0.0 %	ASTM D1042
Dimensional Change	0.0 %	ISO 2796

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