



# Component - Plastics

File Number: E48036

## SYNRES-ALMOCO B V

KULKWEG 102, HOEK VAN HOLLAND 3151 XE NL



## EPOXIDUR: EP 3585

Epoxy Molding Compound (EP - Molding), granular material

Flammability	Value	Test Method
Flame Rating		
0.8 mm, BK	HB	UL 94
1.6 to 1.7 mm, BK, GN	HB	UL 94
0.8 mm, BK	HB75	IEC 60695-11-10, -20
1.6 to 1.7 mm, BK, GN	HB75	IEC 60695-11-10, -20
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
0.8 mm	PLC 2	
1.6 to 1.7 mm	PLC 0	
High Amp Arc Ignition (HAI)		UL 746
0.8 mm	PLC 2	
1.6 to 1.7 mm	PLC 1	
Comparative Tracking Index (CTI)	PLC 3	UL 746
Dielectric Strength	26 kV/mm	ASTM D149 IEC 60243-1
High Voltage Arc Tracking Rate (HVTR)	PLC 3	UL 746
Volume Resistivity	1.0E+14 ohms·cm	ASTM D257 IEC 60093
Arc Resistance	PLC 5	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
0.8 mm	130 °C	
1.6 to 1.7 mm	130 °C	
RTI Imp		UL 746
0.8 mm	130 °C	
1.6 to 1.7 mm	130 °C	
RTI Str		UL 746
0.8 mm	130 °C	
1.6 to 1.7 mm	130 °C	
Physical	Value	Test Method
Dimensional Stability	0.039 %	ASTM D1042 ISO 2796

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