SYNRES-ALMOCO B V

KULKWEG 102, HOEK VAN HOLLAND 3151 XE NL

5553

Diallyl Phthalate (DAP), granular material

Flammability	Value	Test Method
Flame Rating		UL 94
0.610 mm, ALL	V-0	IEC 60695-11-10, -20
1.50 mm, ALL	V-0	
3.00 mm, ALL	V-0	
6.00 mm, ALL	V-0	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
1.50 mm	PLC 0	
3.00 mm	PLC 0	
6.00 mm	PLC 0	
High Amp Arc Ignition (HAI)		UL 746
1.50 mm	PLC 0	
3.00 mm	PLC 0	
6.00 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746
Dielectric Strength	23 kV/mm	ASTM D149 IEC 60243-1
High Voltage Arc Tracking Rate (HVTR)	PLC 0	UL 746
Volume Resistivity	1.0E+15 ohm · cm	ASTM D257 IEC 60093
Arc Resistance	PLC 4	ASTM D495
Thermal	PLC 4 Value	Test Method
Thermal RTI Elec	Value	
Thermal RTI Elec 0.610 mm	Value 130 °C	Test Method
Thermal RTI Elec 0.610 mm 1.50 mm	Value 130 °C 130 °C	Test Method
Thermal RTI Elec 0.610 mm 1.50 mm 3.00 mm	Value 130 °C 130 °C 130 °C 130 °C	Test Method
Thermal RTI Elec 0.610 mm 1.50 mm 3.00 mm 6.00 mm	Value 130 °C 130 °C	Test Method UL 746
Thermal RTI Elec 0.610 mm 1.50 mm 3.00 mm 6.00 mm RTI Imp	Value 130 °C 130 °C 130 °C 130 °C 130 °C	Test Method
Thermal RTI Elec 0.610 mm 1.50 mm 3.00 mm 6.00 mm RTI Imp 0.610 mm	Value 130 °C 130 °C 130 °C 130 °C 130 °C 130 °C	Test Method UL 746
Thermal RTI Elec 0.610 mm 1.50 mm 3.00 mm 6.00 mm RTI Imp 0.610 mm 1.50 mm	Value 130 °C 130 °C 130 °C 130 °C 130 °C 130 °C 130 °C	Test Method UL 746
Thermal RTI Elec 0.610 mm 1.50 mm 3.00 mm 6.00 mm RTI Imp 0.610 mm 1.50 mm 3.00 mm	Value 130 °C 130 °C 130 °C 130 °C 130 °C 130 °C 130 °C 130 °C 130 °C	Test Method UL 746
Thermal RTI Elec 0.610 mm 1.50 mm 3.00 mm 6.00 mm RTI Imp 0.610 mm 1.50 mm 3.00 mm	Value 130 °C 130 °C 130 °C 130 °C 130 °C 130 °C 130 °C	Test Method UL 746 UL 746
Thermal RTI Elec 0.610 mm 1.50 mm 3.00 mm 6.00 mm RTI Imp 0.610 mm 1.50 mm 3.00 mm RTI Str	Value 130 °C 130 °C 130 °C 130 °C 130 °C 130 °C 130 °C 130 °C 130 °C	Test Method UL 746
Thermal RTI Elec 0.610 mm 1.50 mm 3.00 mm 6.00 mm RTI Imp 0.610 mm 1.50 mm 3.00 mm 6.00 mm RTI Str 0.610 mm	Value 130 °C 130 °C 130 °C 130 °C 130 °C 130 °C 130 °C 130 °C 130 °C 130 °C	Test Method UL 746 UL 746
Thermal RTI Elec 0.610 mm 1.50 mm 3.00 mm 6.00 mm RTI Imp 0.610 mm 1.50 mm 3.00 mm 6.00 mm RTI Str 0.610 mm 1.50 mm	Value 130 °C 130 °C	Test Method UL 746 UL 746
Thermal RTI Elec 0.610 mm 1.50 mm 3.00 mm 6.00 mm RTI Imp 0.610 mm 1.50 mm 3.00 mm 6.00 mm RTI Str 0.610 mm 1.50 mm 3.00 mm 6.00 mm	Value 130 °C 130 °C	Test Method UL 746 UL 746
Thermal RTI Elec 0.610 mm 1.50 mm 3.00 mm 6.00 mm RTI Imp 0.610 mm 1.50 mm 3.00 mm 6.00 mm RTI Str 0.610 mm 1.50 mm 3.00 mm 6.00 mm	Value 130 °C 130 °C	Test Method UL 746 UL 746 UL 746
Thermal RTI Elec 0.610 mm 1.50 mm 3.00 mm 6.00 mm RTI Imp 0.610 mm 1.50 mm 3.00 mm 6.00 mm RTI Str 0.610 mm 1.50 mm 3.00 mm 6.00 mm	Value 130 °C 130 °C	Test Method UL 746 UL 746 UL 746 UL 746
Thermal RTI Elec 0.610 mm 1.50 mm 3.00 mm 6.00 mm RTI Imp 0.610 mm 1.50 mm 3.00 mm 6.00 mm RTI Str 0.610 mm 1.50 mm 3.00 mm 6.00 mm RTI Str 0.610 mm 1.50 mm 3.00 mm 6.00 mm Physical Dimensional Stability	Value 130 °C Value 0.0 %	Test Method UL 746 UL 746 UL 746 UL 746 Structure ASTM D1042 ISO 2796
Thermal RTI Elec 0.610 mm 1.50 mm 3.00 mm 6.00 mm RTI Imp 0.610 mm 1.50 mm 3.00 mm 6.00 mm RTI Str 0.610 mm 1.50 mm 3.00 mm 6.00 mm RTI Str 0.610 mm 1.50 mm 3.00 mm 6.00 mm	Value 130 °C 130 °C	Test Method UL 746 UL 746 UL 746 UL 746 Test Method ASTM D1042



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Report Date: 11/27/1973 Last Revised: 1/22/2013

Component - Plastics File Number: E48036

Notes

¹ 4 mm

UL

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