



# Component - Plastics

File Number: E245249

LANXESS AG

CHEMPARK DORMAGEN, BU HPM, BUILDING F46, DORMAGEN 41538 DE



DURETHAN: AKV30+

Polyamide 66 (PA66), pellets, glass reinforced

+ - Material designations may be followed by suffix numbers and/or letter(s) denoting color.

Flammability	Value	Test Method
Flame Rating		UL 94
1.50 mm, NC	HB	
3.00 mm, NC	HB	
6.00 mm, NC	HB	
Flammability Classification		IEC 60695-11-10, -20
3.00 mm, NC	HB40	
6.00 mm, NC	HB40	
1.50 mm, NC	HB75	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
1.50 mm	PLC 4	
3.00 mm	PLC 3	
6.00 mm	PLC 2	
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 1	UL 746
High Voltage Arc Tracking Rate (HVTR)	PLC 1	UL 746
Arc Resistance	PLC 6	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
1.50 mm	65.0 °C	
3.00 mm	65.0 °C	
6.00 mm	65.0 °C	
RTI Imp		UL 746
1.50 mm	65.0 °C	
3.00 mm	65.0 °C	
6.00 mm	65.0 °C	
RTI Str		UL 746
1.50 mm	65.0 °C	
3.00 mm	65.0 °C	
6.00 mm	65.0 °C	

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