



Component - Plastics

File Number: E331406

YANTAI METASTAR SPECIAL PAPER CO LTD

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METASTAR: YT516, YT510

Meta-Aramid Paper, rolls

Flammability	Value	Test Method
Flame Rating		
0.25 mm, NC	V-0	UL 94 IEC 60695-11-10, -20
0.30 mm, NC	V-0	UL 94 IEC 60695-11-10, -20
0.38 mm, NC	V-0	UL 94 IEC 60695-11-10, -20
0.51 mm, NC	V-0	UL 94 IEC 60695-11-10, -20
0.61 mm, NC	V-0	UL 94 IEC 60695-11-10, -20
0.76 mm, NC	V-0	UL 94 IEC 60695-11-10, -20
0.025 mm, NC	VTM-0	UL 94 ISO 9773
0.050 mm, NC	VTM-0	UL 94 ISO 9773
0.080 mm, NC	VTM-0	UL 94 ISO 9773
0.100 mm, NC	VTM-0	UL 94 ISO 9773
0.130 mm, NC	VTM-0	UL 94 ISO 9773
0.180 mm, NC	VTM-0	UL 94 ISO 9773
Glow Wire Flammability Index		IEC 60695-2-12
0.050 mm	960 °C	
0.080 mm	960 °C	
0.100 mm	960 °C	
0.130 mm	960 °C	
0.180 mm	960 °C	
0.25 mm	960 °C	
0.30 mm	960 °C	
0.38 mm	960 °C	
0.51 mm	960 °C	
0.61 mm	960 °C	
0.76 mm	960 °C	

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Flammability	Value	Test Method
Glow Wire Ignition Temperature		IEC 60695-2-13
0.050 mm	825 °C	
0.080 mm	825 °C	
0.100 mm	825 °C	
0.130 mm	825 °C	
0.180 mm	825 °C	
0.25 mm	850 °C	
0.30 mm	850 °C	
0.38 mm	850 °C	
0.51 mm	850 °C	
0.61 mm	850 °C	
0.76 mm	850 °C	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
0.025 mm	PLC 4	
0.050 mm	PLC 4	
0.080 mm	PLC 4	
0.100 mm	PLC 4	
0.130 mm	PLC 4	
0.180 mm	PLC 4	
0.25 mm	PLC 4	
0.30 mm	PLC 4	
0.38 mm	PLC 4	
0.51 mm	PLC 4	
0.61 mm	PLC 4	
0.76 mm	PLC 1	
High Amp Arc Ignition (HAI)		UL 746
0.025 mm	PLC 4	
0.050 mm	PLC 4	
0.080 mm	PLC 4	
0.100 mm	PLC 4	
0.130 mm	PLC 4	
0.180 mm	PLC 4	
0.25 mm	PLC 1	
0.30 mm	PLC 1	
0.38 mm	PLC 1	
0.51 mm	PLC 1	
0.61 mm	PLC 1	
0.76 mm	PLC 1	
Comparative Tracking Index (CTI)	PLC 2	UL 746
High Voltage Arc Tracking Rate (HVTR)	PLC 4	UL 746
Arc Resistance	PLC 7	ASTM D495

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Thermal	Value	Test Method
RTI Elec		UL 746
0.050 mm	210 °C	
0.080 mm	210 °C	
0.100 mm	210 °C	
0.130 mm	210 °C	
0.180 mm	210 °C	
0.25 mm	210 °C	
0.30 mm	210 °C	
0.38 mm	210 °C	
0.51 mm	210 °C	
0.61 mm	210 °C	
0.76 mm	210 °C	
RTI Str		UL 746
0.050 mm	210 °C	
0.080 mm	210 °C	
0.100 mm	210 °C	
0.130 mm	210 °C	
0.180 mm	210 °C	
0.25 mm	210 °C	
0.30 mm	210 °C	
0.38 mm	210 °C	
0.51 mm	210 °C	
0.61 mm	210 °C	
0.76 mm	210 °C	

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