



Component - Plastics

File Number: E331406

YANTAI METASTAR SPECIAL PAPER CO LTD

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METASTAR: YT564

Meta-Aramid Paper

| Flammability | Value | Test Method |
|---------------------------------------|--------|-------------------|
| Flame Rating | | UL 94 ISO 9773 |
| 0.025 mm, NC | VTM-0 | |
| 0.045 to 0.058 mm, NC | VTM-0 | |
| 0.059 to 0.080 mm, NC | VTM-0 | |
| 0.081 to 0.130 mm, NC | VTM-0 | |
| Glow Wire Flammability Index | | IEC 60695-2-12 |
| 0.045 to 0.058 mm | 960 °C | |
| 0.059 to 0.080 mm | 960 °C | |
| 0.081 to 0.130 mm | 960 °C | |
| Glow Wire Ignition Temperature | | IEC 60695-2-13 |
| 0.045 to 0.058 mm | 825 °C | |
| 0.059 to 0.080 mm | 825 °C | |
| 0.081 to 0.130 mm | 825 °C | |
| Electrical | Value | Test Method |
| Hot-wire Ignition (HWI) | | UL 746 |
| 0.025 mm | PLC 4 | |
| 0.045 to 0.058 mm | PLC 4 | |
| 0.059 to 0.080 mm | PLC 4 | |
| 0.081 to 0.130 mm | PLC 4 | |
| High Amp Arc Ignition (HAI) | | UL 746 |
| 0.025 mm | PLC 4 | |
| 0.045 to 0.058 mm | PLC 4 | |
| 0.059 to 0.080 mm | PLC 4 | |
| 0.081 to 0.130 mm | PLC 4 | |
| Comparative Tracking Index (CTI) | PLC 2 | UL 746 |
| High Voltage Arc Tracking Rate (HVTR) | PLC 4 | UL 746 |
| Arc Resistance | PLC 7 | ASTM D495 |
| Thermal | Value | Test Method |
| RTI Elec | | UL 746 |
| 0.045 to 0.058 mm | 210 °C | |
| 0.059 to 0.080 mm | 210 °C | |
| 0.081 to 0.130 mm | 210 °C | |
| RTI Str | | UL 746 |
| 0.045 to 0.058 mm | 210 °C | |
| 0.059 to 0.080 mm | 210 °C | |
| 0.081 to 0.130 mm | 210 °C | |

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