

POLYPLASTICS CO LTD
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HA475(q)
Liquid Crystal Polymer (LCP) "LAPEROS", furnished as pellets

| Color | Min. Thk (mm) | Flame Class | HWI | HAI | RTI Elec | RTI Imp | RTI Str |
|--------|------------------|----------------|-----|-----|-------------|------------|------------|
| BK | 0.100 | V-0 | - | - | 130 | 130 | 130 |
| NC, BK | 0.75 | V-0 | - | - | 130 | 130 | 130 |
| | 3.0 | V-0 | - | - | 130 | 130 | 130 |

Comparative Tracking Index (CTI): -
Dielectric Strength (kV/mm): -
High-Voltage Arc Tracking Rate (HVTR): -
Dimensional Stability (%): -

Inclined Plane Tracking (IPT) kV: -
Volume Resistivity (10^x ohm-cm): -
Surface Resistivity (10^x ohms/square): -
High Volt, Low Current Arc Resis (D495): -

(q) - Virgin and regrind up to 50% by weight inclusive have the same flammability characteristics

ANSI/UL 94 small-scale test data does not pertain to building materials, furnishings and related contents. ANSI/UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in the components and parts of end-product devices and appliances, where the acceptability of the combination is determined by UL.

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| IEC and ISO Test Methods | | | | |
|--------------------------------|-----------------|-------------------|----------|--------------|
| Test Name | Test Method | Units | Thk (mm) | Value |
| Flammability | IEC 60695-11-10 | Class (color) | 0.100 | V-0 (BK) |
| | | | 0.75 | V-0 (NC, BK) |
| | | | 3.0 | V-0 (NC, BK) |
| Glow-Wire Flammability (GWFI) | IEC 60695-2-12 | °C | - | - |
| Glow-Wire Ignition (GWIT) | IEC 60695-2-13 | °C | - | - |
| IEC Comparative Tracking Index | IEC 60112 | Volts (Max) | - | - |
| IEC Ball Pressure | IEC 60695-10-2 | °C | - | - |
| ISO Heat Deflection (1.80 MPa) | ISO 75-2 | °C | - | - |
| ISO Tensile Strength | ISO 527-2 | MPa | - | - |
| ISO Flexural Strength | ISO 178 | MPa | - | - |
| ISO Tensile Impact | ISO 8256 | kJ/m ² | - | - |
| ISO Izod Impact | ISO 180 | kJ/m ² | - | - |
| ISO Charpy Impact | ISO 179-1 | kJ/m ² | - | - |