**LATI INDUSTRIA TERMOPLASTICI SPA**
VIA BARACCA 7, VEDANO OLONA VA 21040 IT

## LATAMID 68 H2-V0 (q) (r)

**Polyamide 6/66 (PA6/66), copolymer, furnished as pellets**

| Color | Min Thk (mm) | Flame Class | HWI | HAI | RTI Elec | RTI Imp | RTI Str |
|---|---|---|---|---|---|---|---|
| ALL | 0.4 | V-0 | 4 | 0 | 140 | - | - |
| | 0.7 | V-0 | 4 | 0 | 140 | 95 | 110 |
| | 0.7-0.8 | V-0 | 4 | 0 | 140 | 95 | 110 |
| | 1.5 | V-0 | 3 | 0 | 140 | 95 | 110 |
| | 3.0 | V-0 | 2 | 0 | 140 | 95 | 110 |

Comparative Tracking Index (CTI): **0**
Inclined Plane Tracking (IPT): **-**
Dielectric Strength (kV/mm): **22**
Volume Resistivity ($10^x$ ohm-cm) : **11**
High-Voltage Arc Tracking Rate (HVTR): **0**
High Volt, Low Current Arc Resis (D495): **6**
Dimensional Stability (%): 0

**(q) - Optional marking consisting of a generic indication of color (English or Italian) followed by an alphanumeric code (consisting of 4 digits and 1 letter) indicating color shade.**

**(r) - Optional marking consisting of an alphanumeric code (consisting of 1 or 2 letters followed by one number) referring to manufacturing process information.**

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.

Report Date:1988-06-13
Last Revised:2013-10-31

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# IEC and ISO Test Methods

| Test Name | Test Method | Units | Thickness Tested (mm) | Value |
|---|---|---|---|---|
| **Flammability** | **IEC 60695-11-10** | **Class (color)** | **0.4** | **V-0 (ALL)** |
| | | | **0.7** | **V-0 (ALL)** |
| | | | **0.7-0.8** | **V-0 (ALL)** |
| | | | **1.5** | **V-0 (ALL)** |
| | | | **3.0** | **V-0 (ALL)** |
| **Glow-Wire Flammability (GWFI)** | **IEC 60695-2-12** | **C** | **0.7-0.8** | **960** |
| **Glow-Wire Ignition (GWIT)** | **IEC 60695-2-13** | **C** | **0.7-0.8** | **960** |
| **IEC Comparative Tracking Index** | **IEC 60112** | **Volts (Max)** | **-** | **-** |
| **IEC Ball Pressure** | **IEC 60695-10-2** | **C** | **3.0** | **165** |
| **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 179-2** | **$kJ/m^2$** | **-** | **-** |

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