Component - Plastics E163907

Guide Information

## Hyosung Chemical Corp

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### J801R, (*)J801R(*)

Polypropylene (PP), furnished as pellets, powder

| Color | Min. Thk (mm) | Flame Class | HWI | HAI | RTI Elec | RTI Imp | RTI Str |
|---|---|---|---|---|---|---|---|
| ALL | 0.75 | HB | 4 | 0 | 115 | 120 | 120 |
| | 1.5 | HB | 3 | 0 | 115 | 120 | 120 |
| | 3.0 | HB | 2 | 0 | 120 | 120 | 120 |

Comparative Tracking Index (CTI): 0
Inclined Plane Tracking (IPT) kV: -
Dielectric Strength (kV/mm): -
Volume Resistivity ($10^x$ ohm-cm): -
High-Voltage Arc Tracking Rate (HVTR): 0
High Volt, Low Current Arc Resis (D495): 5
Dimensional Stability (%): -

(*) - May be replaced by one or two digit or letters

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: 1997-07-16
Last Revised: 2017-08-03



**IEC and ISO Test Methods**

| Test Name | Test Method | Units | Thk (mm) | Value |
|---|---|---|---|---|
| Flammability | IEC 60695-11-10 | Class (color) | 0.75 | HB75 (ALL) |
| | | | 1.5 | HB75 (ALL) |
| | | | 3.0 | HB40 (ALL) |
| 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 179-2 | $kJ/m^2$ | - | - |