

**ZYLAR 531**

Product Description: Methyl Methacrylate Butadiene Styrene, furnished as pellets

| Color | Min. Thick (mm) | Flame Class | HWI | HAI | RTI Elec | RTI Imp | RTI Str |
|-------|-----------------|-------------|-----|-----|----------|---------|---------|
| All   | 1.5             | HB          | -   | -   | 50       | 50      | 50      |
|       | 3.0             | HB          | -   | -   | 50       | 50      | 50      |

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

 Dimensional Stability (%): -  
 High Volt, Low Current Arc Resis (D495): -  
 Volume Resistivity (10<sup>x</sup> ohm-cm): -

NOTE All designations may be followed by the suffix CLEAR or a 4 digit color number.

UL94 small-scale test data does not pertain to building materials, furnishings and related contents. UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in components and parts of end-product devices and appliances, where the acceptability of the combination is determined by ULI.

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**IEC and ISO Test Methods**

| Test Name                             | Test Method            | Units                   | Thickness Tested (mm) | Value                                |
|---------------------------------------|------------------------|-------------------------|-----------------------|--------------------------------------|
| <i>IEC Flammability</i>               | <i>IEC 60695-11-10</i> | <i>Class (Color)</i>    | 1.5<br>3.0            | <i>HB75(ALL)</i><br><i>HB40(ALL)</i> |
| <i>Glow-Wire Flammability (GWFI)</i>  | <i>IEC 60695-2-12</i>  | <i>C</i>                | -                     | -                                    |
| <i>Glow-Wire Ignition (GWIT)</i>      | <i>IEC 60695-2-13</i>  | <i>C</i>                | -                     | -                                    |
| <i>IEC Comparative Tracking Index</i> | <i>IEC 60112</i>       | <i>Volts (Max)</i>      | -                     | -                                    |
| <i>IEC Ball Pressure</i>              | <i>IEC 60695-10-2</i>  | <i>C</i>                | -                     | -                                    |
| <i>ISO Heat Deflection (1.80 MPa)</i> | <i>ISO 75-2</i>        | <i>C</i>                | -                     | -                                    |
| <i>ISO Tensile Strength</i>           | <i>ISO 527-2</i>       | <i>MPa</i>              | -                     | -                                    |
| <i>ISO Flexural Strength</i>          | <i>ISO 178</i>         | <i>MPa</i>              | -                     | -                                    |
| <i>ISO Tensile Impact</i>             | <i>ISO 8256</i>        | <i>kJ/m<sup>2</sup></i> | -                     | -                                    |
| <i>ISO Izod Impact</i>                | <i>ISO 180</i>         | <i>kJ/m<sup>2</sup></i> | -                     | -                                    |
| <i>ISO Charpy Impact</i>              | <i>ISO 179-2</i>       | <i>kJ/m<sup>2</sup></i> | -                     | -                                    |

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