

Component - Plastics

E205256

Material Designation: VALU ABS3030

Product Description: Acrylonitrile Butadiene Styrene (ABS), Furnished as Pellets

| Color | Min. Thk (mm) | Flame Class | HWI | HAI | RTI Elec | RTI Imp | RTI Str |
|-------|---------------|-------------|-----|-----|----------|---------|---------|
| ALL | 1.5-2.9 ONLY | HB | - | - | 60 | 60 | 60 |

Comparative Tracking Index (CTI): – Inclined Plane Tracking (IPT): –

Dielectric Strength (kV/mm): – Volume Resistivity (10^x ohm-cm): –

High-Voltage Arc Tracking Rate (HVTR): – High Volt, Low Current Arc Resis (D495): –

Dimensional Stability (%): –

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 appliance, where the acceptability of the combination is determined by UL.

Report Date: 2000-02-10

Last Revised: 2012-10-18

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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) | 1.5-2.9 ONLY | HB75 (ALL) |
| Glow-Wire Flammability (GWFI) | IEC 60695-2-12 | C | -- | -- |
| Glow-Wire Ignition (GWI) | 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 | -- | -- |

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