

Component – Plastics

E205256

STAR PLASTICS, INC

West Virginia, United States



MATERIAL DESIGNATION: VALU ABSGF30

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^xohm-cm): -

Dimensional Stability (%): -

High Volt, Low Current Arc Resis (D495): -

High-Voltage Arc Tracking Rate (HVTR): -

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.

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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 | - | - |