

Component – Plastics

E205256

STAR PLASTICS, INC

West Virginia, United States



MATERIAL DESIGNATION: PCABS(AA)e, PCABSFR9002, PCABSFR(g): ReStart PCABSFR6400

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

| Color | Min Thk (mm) | Flame Class | HWI | HAI | RTI Elec | RTI IMP | RTI Str |
|-------|--------------|-------------|-----|-----|----------|---------|---------|
| ALL | 0.80 | HB | - | - | - | - | - |
| | 1.5 | V-0 | - | - | 60 | 60 | 60 |
| | 3.0 | V-0, 5VA | 2 | - | 60 | 60 | 60 |

| | | | |
|--|---|--|---|
| Comparative Tracking Index (CTI): | - | Inclined Plane Tracking (IPT): | - |
| Dielectric Strength (kV/mm): | - | Volume Resistivity (10 ⁹ ohm-cm): | - |
| High-Voltage Arc Tracking Rate (HVTR): | - | Surface Resistivity (10x ohms/square): | - |
| Dimensional Stability (%): | - | High Volt, Low Current Arc Resis (D495): | - |

(AA) – Represents number 401-499 indicative of customer code.

(g) – Represents a four digit character code

NOTE -- Material designations may be followed by numbers and/or letters representing color and/or granulation and/or lubrication.

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.

Last Revised: 2017-11-03

Access Date: 2021-06-02

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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, 3.0 | V-0 (ALL) |
| | | | 3.0 | 5VA (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 | - | - |