



Component - Plastics

File Number: E51193

LyondellBasell Advanced Polymers, Inc.

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ABS 3501

Acrylonitrile Butadiene Styrene (ABS), pellets

NOTE - All designations may be followed by an optional hyphen, followed by an alphanumeric color code

| Flammability | Value | Test Method |
|----------------------------------|-----------------|----------------------|
| Flame Rating | | UL 94 |
| 0.06 in, ALL | HB | |
| 0.12 in, ALL | HB | |
| Flammability Classification | | IEC 60695-11-10, -20 |
| 0.12 in, ALL | HB40 | |
| 0.06 in, ALL | HB75 | |
| Electrical | Value | Test Method |
| Hot-wire Ignition (HWI) | | UL 746A |
| 0.06 in | PLC 4 | |
| 0.12 in | PLC 3 | |
| High Amp Arc Ignition (HAI) | | UL 746A |
| 0.06 in | PLC 0 | |
| 0.12 in | PLC 0 | |
| Comparative Tracking Index (CTI) | PLC 1 | UL 746A |
| Volume Resistivity | 1.0E+16 ohms·cm | ASTM D257 |
| Volume Resistivity | 1.0E+16 ohms·cm | IEC 60093 |
| Thermal | Value | Test Method |
| RTI Elec | | UL 746B |
| 0.06 in | 140 °F | |
| 0.12 in | 140 °F | |
| RTI Imp | | UL 746B |
| 0.06 in | 140 °F | |
| 0.12 in | 140 °F | |
| RTI Str | | UL 746B |
| 0.06 in | 140 °F | |
| 0.12 in | 140 °F | |

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