



# Component - Plastics

File Number: E51193

LyondellBasell Advanced Polymers, Inc.

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Houston, TX 77010 United States



## ABS 7501

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           |                      |
| Dielectric Strength         | 560 V/mil       | ASTM D149            |
| 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          |                      |
| Physical                    | Value           | Test Method          |
| Dimensional Change          | 0.0 %           | ASTM D1042           |
| Dimensional Change          | 0.0 %           | ISO 2796             |



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