



SABIC INNOVATIVE PLASTICS US L L C
AMERICAS - RESIN, 1 PLASTICS AVE, PITTSFIELD MA 01201-3662



Ultem: 2300, 2300R, 2310(S*), 2310R, 2310F, HU2310, 2300F, HU2300

Polyetherimide (PEI), pellets

(S*) - This material is identical to the material with the same grade designation and properties as in E207780 and can be interchanged without additional testing of the end product.

NOTE - Material designation may be followed by a color nomenclature consisting of either an alpha/numeric or numeric/alpha combination.

| 可燃性 | 值 | 测试方法 |
|------------------|-----------------|--------------------------|
| UL 阻燃等级 | | UL 94 |
| 0.25 mm, ALL | V-0 | IEC 60695-11-10, -20 |
| 0.38 mm, ALL | V-0 | |
| 1.2 mm, NC | V-0, 5VA | |
| 1.5 mm, ALL | V-0 | |
| 2.0 mm, ALL | V-0 | |
| 3.0 mm, ALL | V-0 | |
| 灼热丝易燃指数 (2.0 mm) | 960 °C | IEC 60695-2-12 |
| 热灯丝点火温度 (2.0 mm) | 900 °C | IEC 60695-2-13 |
| 电气性能 | 值 | 测试方法 |
| 热丝引燃 (HWI) | | UL 746 |
| 1.5 mm | PLC 3 | |
| 2.0 mm | PLC 3 | |
| 3.0 mm | PLC 1 | |
| 高电弧燃烧指数(HAI) | | UL 746 |
| 1.5 mm | PLC 3 | |
| 2.0 mm | PLC 3 | |
| 3.0 mm | PLC 4 | |
| 相比耐漏电起痕指数(CTI) | PLC 3 | UL 746 |
| 介电强度 | 18 kV/mm | ASTM D149 IEC 60243-1 |
| 高电压电弧起痕速率 (HVTR) | PLC 3 | UL 746 |
| 体积电阻率 | 1.0E+14 ohms·cm | ASTM D257 IEC 60093 |
| 耐电弧性 | PLC 6 | ASTM D495 |
| 热性能 | 值 | 测试方法 |
| RTI Elec | | UL 746 |
| 0.25 mm | 105 °C | |
| 0.38 mm | 160 °C | |
| 1.2 mm | 160 °C | |
| 1.5 mm | 180 °C | |
| 2.0 mm | 180 °C | |
| 3.0 mm | 180 °C | |

组件 - 塑料

UL 档案号: E121562



| 热性能 | 值 | 测试方法 |
|-----------------------|--------|------------------------|
| RTI Imp | | UL 746 |
| 0.25 mm | 105 °C | |
| 0.38 mm | 105 °C | |
| 1.2 mm | 105 °C | |
| 1.5 mm | 170 °C | |
| 2.0 mm | 170 °C | |
| 3.0 mm | 170 °C | |
| RTI | | UL 746 |
| 0.25 mm | 105 °C | |
| 0.38 mm | 160 °C | |
| 1.2 mm | 160 °C | |
| 1.5 mm | 180 °C | |
| 2.0 mm | 180 °C | |
| 3.0 mm | 180 °C | |
| 物理性能 | 值 | 测试方法 |
| Dimensional Stability | 0.15 % | ASTM D1042 ISO 2796 |

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