

SABIC INNOVATIVE PLASTICS US L L C

AMERICAS - RESIN, 1 PLASTICS AVE, PITTSFIELD MA 01201-3662



Ultem: 1000V(X), HU1000(X), 1000FV(X), 1000RV(X), 1100V(X), HU1100(X), 1100FV(X)

Polyetherimide (PEI), pellets

(X) - All colors except Natural.

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

UL 開業等数	可燃性		测试方法
1.5 mm, ALL	UL 阻燃等级		
1.5 mm, ALL 3.0 mm, ALL V-0, 5VA 电气性能 值 测试方法 热丝引燃 (HWI) UL 746 0.75 mm PLC 2 1.5 mm PLC 2 3.0 mm PLC 1 高电弧燃烧指数(HAI) UL 746 0.75 mm PLC 4 1.5 mm PLC 3 3.0 mm PLC 4 1.5 mm PLC 3 3.0 mm PLC 4 1.5 mm PLC 3 3.0 mm PLC 4 1.5 mm PLC 4 1.5 mm ASTM D149 [EC 60243-1] 富电压电弧起痕速率 (HVTR) PLC 2 UL 746 体积电阻率 1.0E+17 ohms·cm ASTM D149 [EC 60243-1] 富电压电弧起痕速率 (HVTR) PLC 2 UL 746 体积电阻率 1.0E+17 ohms·cm ASTM D267 [EC 60093] 耐电弧性 PLC 5 ASTM D455 X性能 值 测试方法 TILEC UL 746 0.40 mm 105 °C 0.75 mm 170 °C 1.5 mm 170 °C 1.5 mm 170 °C RTI Imp UL 746 0.40 mm 105 °C 0.75 mm 170 °C RTI Imp UL 746 0.40 mm 105 °C 0.75 mm 170 °C RTI UL 746 0.40 mm 105 °C 0.75 mm 170 °C RTI UL 746 0.40 mm 105 °C 0.75 mm 170 °C RTI UL 746 0.40 mm 105 °C 0.75 mm 170 °C RTI UL 746 0.40 mm 105 °C 0.75 mm 170 °C RTI UL 746 0.40 mm 105 °C 0.75 mm 170 °C RTI UL 746	0.40 mm, ALL	V-2	IEC 60695-11-10, -20
3.0 mm, ALL V-0, 5VA 地合性的 値	0.75 mm	V-0	
性性能 値 別式方法 UL 746 PLC 2 3.0 mm PLC 1 UL 746 PLC 3.0 mm PLC 4 UL 746 UL 746 UL 746 UL 746 PLC 4 UL 746 PLC 3.0 mm PLC 4 UL 746 PLC 5 ASTM D149 IEC 60243-1 IEC 60243-1 IEC 60093 PLC 5 ASTM D257 IEC 60093 PLC 60093 PLC 746 PLC 5 ASTM D495 PLC 5 ASTM D495 PLC 6 UL 746 PLC 6 UL 746 PLC 6 UL 746 PLC 75 MR 170 °C 1.5 mm 170 °C 1.5 mm 170 °C 1.5 mm 170 °C TLC 75 MR	1.5 mm, ALL	V-0	
放送引燃 (HWI)	3.0 mm, ALL	V-0, 5VA	
0.75 mm		值	测试方法
1.5 mm	热丝引燃 (HWI)		UL 746
3.0 mm	0.75 mm	PLC 2	
高电弧燃烧指数(HAI) UL 746 0.75 mm PLC 4 1.5 mm PLC 3 相比耐漏电起痕指数(CTI) PLC 4 UL 746 介电强度 32 kV/mm ASTM D149 IEC 60243-1 IEC 60043-1 IEC 60043-1 IEC 60043-1 IEC 60093 高电压电弧起痕速率 (HVTR) PLC 2 UL 746 体积电阻率 1.0E+17 ohms·cm ASTM D257 IEC 60093 耐电弧性 PLC 5 ASTM D495 X性能 值 XUL 746 0.40 mm 105 °C UL 746 0.75 mm 170 °C UL 746 1.5 mm 170 °C UL 746 0.40 mm 105 °C UL 746 0.75 mm 170 °C UL 746 1.5 mm 170 °C UL 746 RTI UL 746 UL 746 0.40 mm 105 °C UL 746 0.40 mm 170 °C UL 746 0.40 mm 170 °C UL 746 0.40 mm 105 °C UL 746 0.40 mm <t< td=""><td>1.5 mm</td><td>PLC 2</td><td></td></t<>	1.5 mm	PLC 2	
0.75 mm PLC 4 1.5 mm PLC 4 3.0 mm PLC 3 相比耐漏电起痕指数(CTI) PLC 4 UL 746 介电强度 32 kV/mm ASTM D149 IEC 60243-1 高电压电弧起痕速率 (HVTR) PLC 2 UL 746 体积电阻率 1.0E+17 ohms·cm ASTM D257 IEC 60093 耐电弧性 PLC 5 ASTM D495 放性態 值 测试方法 RTI Elec UL 746 0.40 mm 105 °C 0.75 mm 170 °C 1.5 mm 170 °C RTI Imp UL 746 0.40 mm 105 °C 0.75 mm 170 °C 1.5 mm 170 °C 3.0 mm 170 °C RTI UL 746 0.40 mm 105 °C 0.75 mm 170 °C RTI UL 746 0.40 mm 105 °C 0.75 mm 170 °C 1.5 mm 170 °C	3.0 mm	PLC 1	
1.5 mm	高电弧燃烧指数(HAI)		UL 746
3.0 mm	0.75 mm	PLC 4	
相比耐漏电起痕指数(CTI)	1.5 mm	PLC 4	
介电强度 32 kV/mm ASTM D149 IEC 60243-1 高电压电弧起痕速率 (HVTR) PLC 2 UL 746 体积电阻率 1.0E+17 ohms·cm ASTM D257 IEC 60093 耐电弧性 PLC 5 ASTM D495 热性能 個 別式方法 RTI Elec UL 746 0.40 mm 105 °C 0.75 mm 170 °C 1.5 mm 170 °C RTI Imp UL 746 0.40 mm 105 °C 0.75 mm 170 °C 1.5 mm 170 °C RTI UL 746 0.40 mm 105 °C 0.75 mm 170 °C RTI UL 746 0.40 mm 105 °C 0.75 mm 170 °C 1.5 mm 170 °C	3.0 mm	PLC 3	
ST He High E ST K V M	相比耐漏电起痕指数(CTI)	PLC 4	UL 746
体积电阻率	介电强度	32 kV/mm	
特別性性	高电压电弧起痕速率 (HVTR)	PLC 2	UL 746
热性能 值 测试方法 RTI Elec UL 746 0.40 mm 105 °C 0.75 mm 170 °C 1.5 mm 170 °C 3.0 mm 170 °C RTI Imp UL 746 0.40 mm 105 °C 0.75 mm 170 °C 1.5 mm 170 °C RTI UL 746 0.40 mm 105 °C 0.75 mm 170 °C 1.5 mm 170 °C 1.5 mm 170 °C	体积电阻率	1.0E+17 ohms·cm	
RTI Elec UL 746 0.40 mm 105 °C 0.75 mm 170 °C 1.5 mm 170 °C 3.0 mm 170 °C RTI Imp UL 746 0.40 mm 105 °C 0.75 mm 170 °C 3.0 mm 170 °C RTI UL 746 0.40 mm 105 °C 0.75 mm 170 °C 1.5 mm 170 °C 1.5 mm 170 °C	耐电弧性	PLC 5	ASTM D495
0.40 mm 105 °C 0.75 mm 170 °C 1.5 mm 170 °C 3.0 mm 170 °C RTI Imp UL 746 0.40 mm 105 °C 0.75 mm 170 °C 1.5 mm 170 °C RTI UL 746 0.40 mm 105 °C 0.75 mm 170 °C 1.5 mm 170 °C	热性能	值	测试方法
0.75 mm 170 °C 1.5 mm 170 °C 3.0 mm 170 °C RTI Imp UL 746 0.40 mm 105 °C 0.75 mm 170 °C 1.5 mm 170 °C RTI UL 746 0.40 mm 105 °C 0.75 mm 170 °C 1.5 mm 170 °C	RTI Elec		UL 746
1.5 mm 170 °C 3.0 mm 170 °C RTI Imp UL 746 0.40 mm 105 °C 0.75 mm 170 °C 1.5 mm 170 °C RTI UL 746 0.40 mm 105 °C 0.75 mm 170 °C 1.5 mm 170 °C	0.40 mm		
3.0 mm 170 °C RTI Imp UL 746 0.40 mm 105 °C 0.75 mm 170 °C 1.5 mm 170 °C 3.0 mm 170 °C RTI UL 746 0.40 mm 105 °C 0.75 mm 170 °C 1.5 mm 170 °C	0.75 mm	170°C	
RTI Imp UL 746 0.40 mm 105 °C 0.75 mm 170 °C 1.5 mm 170 °C 3.0 mm 170 °C RTI UL 746 0.40 mm 105 °C 0.75 mm 170 °C 1.5 mm 170 °C			
0.40 mm 105 °C 0.75 mm 170 °C 1.5 mm 170 °C 3.0 mm 170 °C RTI UL 746 0.40 mm 105 °C 0.75 mm 170 °C 1.5 mm 170 °C	3.0 mm	170°C	
0.75 mm 170 °C 1.5 mm 170 °C 3.0 mm 170 °C RTI UL 746 0.40 mm 105 °C 0.75 mm 170 °C 1.5 mm 170 °C	RTI Imp		UL 746
1.5 mm 170 °C 3.0 mm 170 °C RTI UL 746 0.40 mm 105 °C 0.75 mm 170 °C 1.5 mm 170 °C	0.40 mm	105°C	
3.0 mm 170 °C RTI UL 746 0.40 mm 105 °C 0.75 mm 170 °C 1.5 mm 170 °C	0.75 mm		
RTI UL 746 0.40 mm 105 °C 0.75 mm 170 °C 1.5 mm 170 °C			
0.40 mm 105 °C 0.75 mm 170 °C 1.5 mm 170 °C	3.0 mm	170°C	
0.75 mm 170 °C 1.5 mm 170 °C	RTI		UL 746
1.5 mm 170 °C			
3.0 mm 170 °C	1.5 mm	170°C	
	3.0 mm	170°C	

Page 1 / 2 Form Number: E121562-100044765

Report Date: 12/27/2011 Last Revised: 2014-12-14

组件 - 塑料 UL 档案号: E121562



物理性能	值	测试方法
Dimensional Stability	0.0 %	ASTM D1042 ISO 2796

Notice of Disclaimer

By accessing this Yellow Card data information sheet and the database from which this information was generated (the "Yellow Card"), the user acknowledges and accepts the terms and conditions upon which this Yellow Card is made available. This Yellow Card, the database from which it was generated, and all related materials, support, and services, are made available by UL for use only by permission and "as is", without any representation or warranty of any kind, express or implied, including but not limited to any implied warranties of merchantability, fitness for a particular purpose or that the products identified in this Yellow Card will satisfy the user's requirements. UL cannot and does not warrant that the data contained in this Yellow Card is current, accurate, or complete. The user must independently confirm the conformance of any product to the applicable standards or requirements with the manufacturer of that product. Permission to access this Yellow Card may be withdrawn at any time by UL in its sole discretion. The identification of products and companies on this Yellow Card does not in any way imply endorsement of those products or companies by UL. UL does not assume and expressly disclaims, liability to any person for any loss or damage (including lost profits, lost savings, or any indirect, special, incidental, consequential or punitive damages whether or not UL has been advised of the possibility of such damages) arising out of, or in connection with, the use of this Yellow Card regardless of the cause or causes of such loss or damage.