

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



## Noryl: SE1GFN3, SE1GFN3X, PX5374, MX5760, SGFN3HF

Polyphenylene Oxide (PPHOX), pellets

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

UL 照燃等级     UL 94       1.5 mm, ALL     V-1       3.1 mm, ALL     V-1       6.1 mm, ALL     V-0       电气性能     值       热丝引燃 (HVII)     UL 746       1.5 mm     PLC 0       高电弧燃烧指数(HAI)     UL 746       1.5 mm     PLC 2       6.1 mm     PLC 3     UL 746       6.1 mm     PLC 3     UL 746       介电强度     19 kV/mm     ASTM D149       方电强度     10 kT 13 ohms-cm     EC 60043-1       高电压电型起痕速率 (HVTR)     PLC 4     UL 746       体界电阻率     1.0E+13 ohms-cm     ASTM D257       EC 60093     ASTM D495       热性能     位     测试方法       双性路     UL 746     UL 746       0.76 mm     110 °C     UL 746       1.5 mm     110 °C     UL 746       0.76 mm     105 °C     UL 746       0.76 mm     100 °C     UL 746       0.76	可燃性	值	测试方法
1.5 mm, ALL	UL 阻燃等级		
6.1 mm, ALL  entermination en	1.5 mm, ALL	V-1	IEC 60695-11-10, -20
电气性能         值         测试方法           热丝引燃 (HWI)         UL 746           1.5 mm         PLC 0           6.1 mm         PLC 0           高电弧燃烧指数(HAI)         UL 746           1.5 mm         PLC 2           6.1 mm         PLC 2           相比耐漏电起痕指数(CTI)         PLC 3         UL 746           介电强度         19kV/mm         ASTM D149           库产 60243-1         EC 60243-1         EC 60243-1           库电阻型起痕速率 (HVTR)         PLC 4         UL 746           体积电阻率         1.0E+13 ohms·cm         ASTM D257           EC 60093         EC 60093           耐量弧性         PLC 6         ASTM D495           热性能         值         测试方法           RTI Elec         UL 746         UL 746           0.76 mm         110 °C         UL 746           1.5 mm         110 °C         UL 746           0.76 mm         105 °C         UL 746           0.76 mm         105 °C         UL 746           0.76 mm         110 °C         UL 746 <td>3.1 mm, ALL</td> <td>V-1</td> <td></td>	3.1 mm, ALL	V-1	
热丝引燃 (HWI)			
1.5 mm 6.1 mm       PLC 0 PLC 0         高电弧燃烧指数(HAI)       UL 746         1.5 mm 6.1 mm       PLC 2 PLC 2         相比耐漏电起痕指数(CTI)       PLC 3       UL 746         介电强度       19 kV/mm       ASTM D149 IEC 60243-1         高电压电型起痕速率 (HVTR)       PLC 4       UL 746         体积电阻率       1.0E+13 ohms·cm       ASTM D257 IEC 60093         耐量性       PLC 6       ASTM D495         為性能       值       別域方法         RTI Elec       UL 746         0.76 mm       110 °C         1.5 mm       110 °C         3.1 mm       110 °C         RTI Imp       UL 746         0.76 mm       105 °C         3.1 mm       105 °C         6.1 mm       105 °C         RTI       UL 746         0.76 mm       110 °C         1.5 mm       105 °C         3.1 mm       105 °C         6.1 mm       110 °C         1.5 mm       110 °C         3.1 mm       110 °C         3.1 mm       110 °C         3.1 mm       110 °C         6.1 mm       110 °C         7.5 mm       110 °C         10.5 °C       10.5 °C <td></td> <td>值</td> <td></td>		值	
6.1 mm       PLC 0         高电弧燃烧指数(HAI)       UL 746         1.5 mm       PLC 2         6.1 mm       PLC 2         相比耐漏电起痕指数(CTI)       PLC 3       UL 746         介电强度       19 kV/mm       ASTM D149 IEC 60243-1         高电压电弧起痕速率 (HVTR)       PLC 4       UL 746         体积电阻率       1.0E+13 ohms·cm       ASTM D257 IEC 60093         耐电弧性       PLC 6       ASTM D257 IEC 60093         耐电弧性       PLC 6       ASTM D495         热性能       值       测试方法         RTI Elec       UL 746         0.76 mm       110 °C         3.1 mm       110 °C         6.1 mm       105 °C         TI Imp       UL 746         0.76 mm       105 °C         1.5 mm       105 °C         RTI       UL 746         0.76 mm       110 °C         6.1 mm       110 °C         1.5 mm       110 °C         0.76 mm       110 °C         3.1 mm       110 °C         0.76 mm       110 °C         3.1 mm       110 °C         6.1 mm       110 °C         7. mm       110 °C       110 °C         8. mm	热丝引燃 (HWI)		UL 746
高电弧燃烧指数(HAI)  1.5 mm	1.5 mm	PLC 0	
1.5 mm 6.1 mm       PLC 2 PLC 2         相比耐漏电起痕指数(CTI)       PLC 3       UL 746         介电强度       19 kV/mm       ASTM D149 IEC 60243-1         高电压电弧起痕速率 (HVTR)       PLC 4       UL 746         体积电阻率       1.0E+13 ohms·cm       ASTM D257 IEC 60093         耐电弧性       PLC 6       ASTM D495         热性能       位       別式方法         RTI Elec       UL 746         0.76 mm       110 °C         3.1 mm       110 °C         6.1 mm       110 °C         7.5 mm       105 °C         3.1 mm       105 °C         6.1 mm       110 °C         7.6 mm       110 °C         1.5 mm       110 °C         3.1 mm       110 °C         1.5 mm       110 °C         1.5 mm       110 °C         1.5 mm       110 °C         1.5 mm       110 °C         <		PLC 0	
6.1 mm       PLC 2         相比耐漏电起痕指数(CTI)       PLC 3       UL 746         介电强度       19 kV/mm       ASTM D149 iEC 60243-1 iEC 60243-1 iEC 60243-1         高电压电弧起痕速率 (HVTR)       PLC 4       UL 746         体积电阻率       1.0E+13 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       UL 746         0.76 mm       110 °C       UL 746         1.5 mm       110 °C       UL 746         RTI Imp       UL 746       UL 746         0.76 mm       105 °C       UL 746         1.5 mm       105 °C       UL 746         8.1 mm       105 °C       UL 746         1.5 mm       110 °C       UL 746         3.1 mm       110 °C       UL 746         1.5 mm       110 °C       UL 746         3.1 mm       110 °C       UL 746         4.1 mm       110 °C       UL 746         4.1 mm       110 °C       UL 746         4.1 mm       110 °C       UL 746         5.1 mm       110 °C       UL 746         6.1 mm       110 °C       UL 746         7 mm	高电弧燃烧指数(HAI)		UL 746
相比耐漏电起痕指数(CTI)	1.5 mm		
介电强度       19 kV/mm       ASTM D149 IEC 60243-1         高电压电弧起痕速率 (HVTR)       PLC 4       UL 746         体积电阻率       1.0E+13 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       UL 746         0.76 mm       110 °C       110 °C         3.1 mm       110 °C       110 °C         6.1 mm       105 °C       15 mm         3.1 mm       105 °C       15 mm         3.1 mm       105 °C       UL 746         0.76 mm       110 °C       UL 746         1.5 mm       110 °C       UL 746         3.1 mm       110 °C       110 °C         3.1 mm       110 °C       3.1 mm       110 °C         6.1 mm       110 °C       3.1 mm       110 °C         70 mm       110 °C       3.1 mm       110 °C         8 mm       110 °C       3.1 mm       110 °C         9 mm       110 °C       3.1 mm       110 °C         10 mm       110 °C       3.1 mm       110 °C         10 mm       110 °C       3.1 mm       110 °C         10 mm       110 °C       3.			
万字性強度	相比耐漏电起痕指数(CTI)	PLC 3	UL 746
体积电阻率	介电强度	19 kV/mm	
下ので記す	高电压电弧起痕速率 (HVTR)	PLC 4	UL 746
放性能       值       別试方法         RTI Elec       UL 746         0.76 mm       110 °C         1.5 mm       110 °C         3.1 mm       110 °C         RTI Imp       UL 746         0.76 mm       105 °C         1.5 mm       105 °C         3.1 mm       105 °C         6.1 mm       110 °C         1.5 mm       110 °C         3.1 mm       110 °C         3.1 mm       110 °C         6.1 mm       110 °C         70 TH SCO 40       20 TH SCO 40	体积电阻率	1.0E+13 ohms·cm	
RTI Elec	耐电弧性	PLC 6	ASTM D495
0.76 mm       110 °C         1.5 mm       110 °C         3.1 mm       110 °C         6.1 mm       110 °C         RTI Imp       UL 746         0.76 mm       105 °C         1.5 mm       105 °C         6.1 mm       105 °C         RTI       UL 746         0.76 mm       110 °C         1.5 mm       110 °C         3.1 mm       110 °C         3.1 mm       110 °C         6.1 mm       110 °C         物理性能       值       测试方法		值	
1.5 mm			UL 746
3.1 mm       110 °C         6.1 mm       110 °C         RTI Imp       UL 746         0.76 mm       105 °C         1.5 mm       105 °C         3.1 mm       105 °C         RTI       UL 746         0.76 mm       110 °C         1.5 mm       110 °C         3.1 mm       110 °C         6.1 mm       110 °C         物理性能       個			
6.1 mm       110 °C         RTI Imp       UL 746         0.76 mm       105 °C         1.5 mm       105 °C         3.1 mm       105 °C         6.1 mm       105 °C         RTI       UL 746         0.76 mm       110 °C         1.5 mm       110 °C         3.1 mm       110 °C         6.1 mm       110 °C         物理性能       值       测试方法			
RTI Imp       UL 746         0.76 mm       105 °C         1.5 mm       105 °C         3.1 mm       105 °C         6.1 mm       105 °C         RTI       UL 746         0.76 mm       110 °C         1.5 mm       110 °C         3.1 mm       110 °C         6.1 mm       110 °C         物理性能       値       測试方法			
0.76 mm       105 °C         1.5 mm       105 °C         3.1 mm       105 °C         6.1 mm       105 °C         RTI         0.76 mm       110 °C         1.5 mm       110 °C         3.1 mm       110 °C         6.1 mm       110 °C         物理性能       值       测试方法		110°C	
1.5 mm       105 °C         3.1 mm       105 °C         6.1 mm       105 °C         RTI       UL 746         0.76 mm       110 °C         1.5 mm       110 °C         3.1 mm       110 °C         6.1 mm       110 °C         物理性能       值       测试方法	l '		UL 746
3.1 mm       105 °C         6.1 mm       105 °C         RTI       UL 746         0.76 mm       110 °C         1.5 mm       110 °C         3.1 mm       110 °C         6.1 mm       110 °C         物理性能       值       测试方法			
6.1 mm     105 °C       RTI     UL 746       0.76 mm     110 °C       1.5 mm     110 °C       3.1 mm     110 °C       6.1 mm     110 °C       物理性能     值     测试方法			
RTI     UL 746       0.76 mm     110 °C       1.5 mm     110 °C       3.1 mm     110 °C       6.1 mm     110 °C       物理性能     值     测试方法			
0.76 mm       110 °C         1.5 mm       110 °C         3.1 mm       110 °C         6.1 mm       110 °C         物理性能       值       测试方法		105 °C	
1.5 mm     110 °C       3.1 mm     110 °C       6.1 mm     110 °C       物理性能     值     测试方法			UL 746
3.1 mm     110 °C       6.1 mm     110 °C       物理性能     值     测试方法			
6.1 mm     110 °C       物理性能     值     测试方法			
物理性能			
ACTM PAGAG			
A OTM DAGAG	物理性能	值	
Dimensional Stability 0.0 % ASTM D1042 ISO 2796	Dimensional Stability	0.0 %	ASTM D1042 ISO 2796

Page 1 / 2 Form Number: E121562-221216

Report Date: 8/19/1968 Last Revised: 10/24/2003

## 组件 - 塑料 UL 档案号: E121562



## **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.