

| 项 目<br>Property  | 试验法<br>ASTM<br>Method                              | 单 位<br>Units | B-PSS                |                   |                   | T-PSS             |                   |                   |
|------------------|--|--------------|----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|                  |  |              | B-2300               | B-2320GF          | B-2330GF          | T-6300            | T-6500            |                   |
| 一般<br>性质         | 密度(比重)<br>Specific Gravity                         | D792         | -                    | 1.34              | 1.47              | 1.55              | 1.34              | 1.34              |
|                  | 吸水率(24 hours)<br>Water Absorption                  | D570         | %                    | 0.53              | -                 | -                 | 0.6               | 0.6               |
|                  | 成型收缩率-3.18mm 截面<br>Mold Shrinkage-3.18mm section   | D955         | %                    | 0.7               | -                 | -                 | 0.7               | -                 |
|                  | 填充含量<br>Filler content                             | -            | %                    | 0                 | 20                | 30                | 0                 | -                 |
| 机<br>械<br>性<br>质 | 拉伸强度<br>Tensile Strength                           | D638         | MPa                  | 90                | 120               | 135               | 92                | 92                |
|                  | 拉伸模量<br>Tensile Modulus                            | D638         | MPa                  | 2700              | 6080              | 10000             | 2600              | 2600              |
|                  | 拉伸断裂伸长率<br>Tensile Elongation at Break             | D638         | %                    | 80                | 3                 | 2                 | >10               | >10               |
|                  | 弯曲强度<br>Flexural Strength                          | D790         | MPa                  | 120               | 180               | 200               | 121               | 121               |
|                  | 弯曲模量<br>Flexural Modulus                           | D790         | MPa                  | 2700              | 6050              | 10000             | 2500              | 2500              |
|                  | 冲击强度(缺口)<br>Impact Strength-Notched Izod           | D256         | J/m                  | 75                | 70                | 80                | 70                | 70                |
| 热<br>性<br>质      | 热变形温度<br>DTUL at 264 psi (1.82 MPa)                | D648         | °C                   | 198               | 210               | 215               | 230               | 225               |
|                  | 玻璃转化温度<br>Glass Transition Temp.                   | D3482        | °C                   | 225               | -                 | -                 | 266               | 255               |
|                  | 连续使用温度<br>Continuous Use Temp.                     | UL-746B      | °C                   | -                 | 185               | 185               | -                 | -                 |
|                  | 线性热膨胀系数<br>Coefficient of Linear Thermal Expansion | D696         | 10 <sup>-5</sup> /°C | 5.1               | -                 | -                 | -                 | -                 |
| 电<br>气<br>性<br>质 | 介电强度<br>Dielectric Strength                        | D149         | kV/mm                | 13                | 18                | 18                | 12.4              | 12.4              |
|                  | 介电常数<br>Dielectric Constant @ 60 Hz                | D150         | -                    | 3.5               | -                 | -                 | 3.1               | 3.1               |
|                  | 介电损失<br>Dissipation Factor @ 60 Hz                 | D150         | -                    | 0.01              | -                 | -                 | 0.004             | 0.004             |
|                  | 体积电阻率<br>Volume Resistivity                        | D257         | Ohm-cm               | >10 <sup>15</sup> | >10 <sup>16</sup> | >10 <sup>16</sup> | >10 <sup>15</sup> | >10 <sup>15</sup> |
|                  | 表面电阻率<br>Surface Resistivity                       | D257         | Ω/SQ                 | >10 <sup>15</sup> | >10 <sup>14</sup> | >10 <sup>14</sup> | >10 <sup>15</sup> | >10 <sup>15</sup> |
|                  | 相对电痕指数<br>Comparative Tracking Index               | D3638        | V                    | 150               | 125               | 125               | -                 | -                 |
|                  | 耐电弧性<br>Arc Resistance                             | D495         | sec                  | 50                | 100               | 100               | -                 | -                 |
| 防<br>火<br>性      | 阻燃性<br>Flammability thickness                      | UL-94        | -                    | V-0@0.8<br>mm     | V-0@0.8<br>mm     | V-0@0.8<br>mm     | V-0@0.8<br>mm     | V-0@0.8<br>mm     |
|                  | 临界含氧指数<br>Limiting Oxygen Index                    | D2863        | %                    | 39                | -                 | -                 | 40                | 40                |

Data are obtained from specimens molded under carefully controlled conditions from representative samples of the compound described herein. Properties may be materially affected by molding techniques applied and by the size and shape of the item molded. No assurance can be implied that all molded articles will have the same properties as those listed.