

型号: K-30FR 通用注射

颜色: 透明原色、低粘性、阻燃

| 特性          | 测定方法       | 测定标准                     | 单位                  | 数据               |
|-------------|------------|--------------------------|---------------------|------------------|
| <b>机械特性</b> |            |                          |                     |                  |
| Izod 冲击强度   | ASTM D256  | 23°C V-notched<br>1/8"   | J/m                 | 780              |
|             |            |                          | kgf·cm/cm           | 80               |
|             |            |                          | ft·lbf/in           | 15               |
| 拉伸强度        | ASTM D638  |                          | MPa                 | 63               |
|             |            |                          | kgf/cm <sup>2</sup> | 640              |
|             |            |                          | lbf/in <sup>2</sup> | 9100             |
| 断裂伸长率       | ASTM D638  |                          | %                   | 120              |
| 弯曲强度        | ASTM D790  |                          | MPa                 | 85               |
|             |            |                          | kgf/cm <sup>2</sup> | 870              |
|             |            |                          | lbf/in <sup>2</sup> | 12400            |
| 弯曲模量        | ASTM D790  |                          | MPa                 | 2160             |
|             |            |                          | kgf/cm <sup>2</sup> | 22000            |
|             |            |                          | lbf/in <sup>2</sup> | 313000           |
| <b>热特性</b>  |            |                          |                     |                  |
| 熔体流动率       | ASTM D1238 | 300°C, 1.2kgf            | g/10min             | 15               |
| 热变形温度       | ASTM D648  | 18.6 kgf/cm <sup>2</sup> | °C                  | 132              |
|             |            |                          | °F                  | 269              |
| <b>电力特性</b> |            |                          |                     |                  |
| 绝缘强度        | ASTM D149  | 1.6mm                    | kV/mm               | 20               |
| 电容率         | ASTM D150  | 10 <sup>6</sup> Hz       |                     | 2.9              |
| 介电损耗因子      | ASTM D150  | 10 <sup>6</sup> Hz       |                     | 0.009            |
| 弧阻          | ASTM D495  |                          | Sec.                | 110              |
| 体积电阻率       | ASTM D257  |                          | Ω·cm                | 10 <sup>16</sup> |
| <b>光学特性</b> |            |                          |                     |                  |
| 透光系数        | ASTM D1003 | 3 mm                     | %                   | 89               |
| 光折射率        | ASTM D542  |                          |                     | 1.58             |
| 模糊          | ASTM D1003 | 3 mm                     | %                   | < 1              |
| <b>物理特性</b> |            |                          |                     |                  |
| 比重          | ASTM D792  |                          |                     | 1.2              |
| 吸水性         | ASTM D570  | 24小时23 °C浸水              | %                   | ≤ 0.2            |
| 模具收缩        | ASTM D955  |                          | %                   | 0.5~0.7          |
| 燃烧性         | UL94       |                          |                     | V-0 @ 3.0 mm     |

To our best knowledge, the values contained herein are typical of uncoloured PC and given in good faith. They may be affected by colorants, other additives, the design of a mould/die, moulding techniques applied, the size and shape of a moulded article. In view of these factors, the properties do not relieve customers from carrying out their own investigations and tests. It is entirely the customer's responsibility to determine the suitability of material and grade used for their intended application. No warranty, express or implied is made nor is liability accepted in connection with any of the information provided. We reserve the right to make additions, deletions, or modifications to the information at any time without prior notification. Kotec Corporation (30.3.2009)