

| H-LaK61                                |                |         | 741526   |         |                    |                           | n <sub>d</sub> = 1.74100        |         | ν <sub>d</sub> = 52.64 |        | n <sub>F</sub> - n <sub>C</sub> = 0.014078   |                |
|--|----------------|---------|--|---------|--------------------|---------------------------|---------------------------------|---------|------------------------|--------|--|----------------|
|  |                |         |  |         |                    |                           | n <sub>e</sub> = 1.74435        |         | ν <sub>e</sub> = 52.41 |        | n <sub>F'</sub> - n <sub>C'</sub> = 0.014203 |                |
| 折射率 Refractive Index                   |                |         | 相对部分色散 Relative Partial Dispersions                  |         |                    |                           | 内部透射率 Internal Transmittance T  |         |                        |        |  |                |
|  | λ (nm)         |         | P <sub>s,t</sub>                                     | 0.2756  | P' <sub>s,t</sub>  | 0.2732                    | λ (nm)                          | τ (5mm) | τ (10mm)               |        |  |                |
| n <sub>2325.42</sub>                   | 2325.42        |         | P <sub>C,s</sub>                                     | 0.5342  | P' <sub>C',s</sub> | 0.5773                    | 2400                            | 0.810   | 0.660                  |        |  |                |
| n <sub>1970.09</sub>                   | 1970.09        |         | P <sub>d,C</sub>                                     | 0.3034  | P' <sub>d,C'</sub> | 0.2528                    | 2200                            | 0.952   | 0.906                  |        |  |                |
| n <sub>1529.58</sub>                   | 1529.58        |         | P <sub>e,d</sub>                                     | 0.2380  | P' <sub>e,d</sub>  | 0.2359                    | 2000                            | 0.983   | 0.967                  |        |  |                |
| n <sub>1060.0</sub>                    | 1060.0         |         | P <sub>g,F</sub>                                     | 0.5464  | P' <sub>g,F'</sub> | 0.4845                    | 1800                            | 0.996   | 0.992                  |        |  |                |
| n <sub>t</sub>                         | 1013.98        | 1.72533 | P <sub>i,h</sub>                                     |         | P' <sub>i,h</sub>  |                           | 1600                            | 0.999   | 0.998                  |        |  |                |
| n <sub>s</sub>                         | 852.11         | 1.72921 | 异常色散 Abnormal Dispersions                            |         |                    |                           | 1400                            | 0.999   | 0.998                  |        |  |                |
| n <sub>r</sub>                         | 706.52         | 1.73431 |  |         |                    |                           | ΔP <sub>C,t</sub>               | 0.0155  | ΔP <sub>C,s</sub>      | 0.0080 | 1200   | 0.999          |
| n <sub>C</sub>                         | 656.27         | 1.73673 | ΔP <sub>F,e</sub>                                    | -0.0026 | ΔP <sub>g,F</sub>  | -0.0096                   | 1060                            | 0.999   | 0.998                  |        |  |                |
| n <sub>C'</sub>                        | 643.85         | 1.73741 | 着色度 Color Code                                       |         |                    |                           | 1000                            | 0.999   | 0.998                  |        |  |                |
| n <sub>He-Ne</sub>                     | 632.8          | 1.73804 |  |         |                    |                           | λ <sub>80</sub> /λ <sub>5</sub> | 370/285 |                        |        | 950  | 0.999          |
| n <sub>D</sub>                         | 589.29         | 1.74087 | λ <sub>70</sub> /λ <sub>5</sub>                      |         |                    |                           | 900                             | 0.999   | 0.998                  |        |  |                |
| n <sub>d</sub>                         | 587.56         | 1.74100 | 热性质 Thermal Properties                               |         |                    |                           | 850                             | 0.999   | 0.998                  |        |  |                |
| n <sub>e</sub>                         | 546.07         | 1.74435 |  |         |                    |                           | T <sub>g</sub> (°C)             | 662     |                        |        | 800  | 0.998          |
| n <sub>F</sub>                         | 486.13         | 1.75080 | T <sub>s</sub> (°C)                                  | 684     |                    |                           | 700                             | 0.998   | 0.996                  |        |  |                |
| n <sub>F'</sub>                        | 479.99         | 1.75161 | T <sub>10</sub> <sup>14.5</sup> (°C)                 | 623     |                    |                           | 650                             | 0.998   | 0.996                  |        |  |                |
| n <sub>g</sub>                         | 435.83         | 1.75849 | T <sub>10</sub> <sup>13</sup> (°C)                   | 652     |                    |                           | 600                             | 0.997   | 0.995                  |        |  |                |
| n <sub>h</sub>                         | 404.66         | 1.76490 | T <sub>10</sub> <sup>7.6</sup> (°C)                  | 739     |                    |                           | 550                             | 0.997   | 0.995                  |        |  |                |
| n <sub>i</sub>                         | 365.01         | 1.77587 | α <sub>30/70</sub> (10 <sup>-7</sup> /K)             | 58      |                    |                           | 500                             | 0.996   | 0.993                  |        |  |                |
| n <sub>313.18</sub>                    | 313.18         |         | α <sub>100/300</sub> (10 <sup>-7</sup> /K)           | 72      |                    |                           | 480                             | 0.996   | 0.992                  |        |  |                |
| n <sub>302.15</sub>                    | 302.15         |         | λ[W/(m·K)]   |         |                    |                           | 460                             | 0.994   | 0.989                  |        |  |                |
| 色散公式常数 Constants of Dispersion Formula |                |         | 化学性质 Chemical Properties                             |         |                    |                           | 机械性质 Mechanical Properties      |         |                        |        |  |                |
|  |                |         |  |         |                    |                           |                                 |         |                        |        |  | A <sub>0</sub> |
| A <sub>1</sub>                         | -1.3703746E-02 |         | D <sub>w</sub>                                       | 1       |                    | F <sub>A</sub>            | 100                             |         |                        |        |  |                |
| A <sub>2</sub>                         | 2.2480687E-02  |         | D <sub>A</sub>                                       | 6       |                    | E (10 <sup>7</sup> Pa)    | 11834                           |         |                        |        |  |                |
| A <sub>3</sub>                         | 1.3022706E-04  |         | CR   | 1       |                    | G (10 <sup>7</sup> Pa)    | 4562                            |         |                        |        |  |                |
| A <sub>4</sub>                         | 3.5247835E-05  |         | RC(S)  | 1       |                    | μ                         | 0.297                           |         |                        |        |  |                |
| A <sub>5</sub>                         | -1.3482706E-06 |         | RA(S)  | 3       |                    | B (10 <sup>-12</sup> /Pa) | 1.61                            |         |                        |        |  |                |
| 折射率温度系数常数 Constants of dn/dt           |                |         | 折射率温度系数 Temperature Coefficients of Refractive Index |         |                    |                           | 其他性质 Other Properties           |         |                        |        |  |                |
|  |                |         |  |         |                    |                           |                                 |         |                        |        |  | D <sub>0</sub> |
| D <sub>1</sub>                         | 1.55E-08       |         | t  | C'      | d                  | e                         | F'                              | g       | 备注 Remarks             |        |  |                |
| D <sub>2</sub>                         | -6.52E-11      |         | -60~-40  |         |                    |                           |                                 |         |                        |        |  |                |
| E <sub>0</sub>                         | 4.66E-07       |         | -40~-20  | 3.5     | 3.9                | 4.1                       | 4.3                             | 4.5     | 5.2                    |        |  |                |
| E <sub>1</sub>                         | 6.39E-10       |         | -20~0  | 3.5     | 3.8                | 3.9                       | 4.3                             | 5.0     | 5.3                    |        |  |                |
| λ <sub>TK</sub> (μm)                   | 0.220          |         | 0~20   | 3.6     | 4.5                | 4.6                       | 4.8                             | 5.1     | 5.2                    |        |  |                |
|  |                |         | 20~40  | 4.1     | 4.5                | 4.6                       | 4.9                             | 5.5     | 5.8                    |        |  |                |
|  |                |         | 40~60  | 4.1     | 4.4                | 4.5                       | 4.9                             | 5.5     | 6.1                    |        |  |                |
|  |                |         | 60~80  | 4.2     | 4.5                | 4.7                       | 5.0                             | 5.6     | 6.1                    |        |  |                |
|  |                |         | 80~100   |         |                    |                           |                                 |         |                        |        |  |                |
|  |                |         | 100~120  |         |                    |                           |                                 |         |                        |        |  |                |
|  |                |         | 120~140  |         |                    |                           |                                 |         |                        |        |  |                |