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|--------------------------------------------------------|----------------|--------------------------------------|---------------------------------------------|---------|--------------------|---------------------------|-------------------------------------|----------------------------------|----------|----------------------------------------------|--|--|
| H-FK61GTi                                              |                |                                      | 497816                                      |         |                    | n <sub>d</sub> = 1.497000 |                                     | v <sub>d</sub> = 81.61           |          | n <sub>F</sub> - n <sub>C</sub> = 0.006090   |  |  |
|                                                        |                |                                      |                                             |         |                    | n <sub>e</sub> = 1.498454 |                                     | v <sub>e</sub> = 81.21           |          | n <sub>F'</sub> - n <sub>C'</sub> = 0.006138 |  |  |
|                                                        |                |                                      |                                             |         |                    |                           |                                     |                                  |          |                                              |  |  |
| 折射率   Refractive Index                                 |                |                                      | 相对部分色散   Relative Partial Dispersions       |         |                    |                           |                                     | 内部透过率   Internal Transmittance τ |          |                                              |  |  |
|                                                        | λ   (nm)       |                                      | P <sub>s,t</sub>                            | 0.2824  | P' <sub>s,t</sub>  | 0.2802                    |                                     | λ   (nm)                         | τ (10mm) | τ (25mm)                                     |  |  |
| n <sub>2325.42</sub>                                   | 2325.42        | 1.479611                             | P <sub>C,s</sub>                            | 0.5417  | P' <sub>C',s</sub> | 0.5857                    |                                     | 2400                             | 0.998    | 0.994                                        |  |  |
| n <sub>1970.09</sub>                                   | 1970.09        | 1.482755                             | P <sub>d,C</sub>                            | 0.3054  | P' <sub>d,C'</sub> | 0.2548                    |                                     | 2200                             | 0.999    | 0.998                                        |  |  |
| n <sub>1529.58</sub>                                   | 1529.58        | 1.486141                             | P <sub>e,d</sub>                            | 0.2388  | P' <sub>e,d</sub>  | 0.2369                    |                                     | 2000                             | 0.999    | 0.999                                        |  |  |
| n <sub>1060.0</sub>                                    | 1060.0         | 1.489709                             | P <sub>g,F</sub>                            | 0.5379  | P' <sub>g,F'</sub> | 0.4777                    |                                     | 1800                             | 0.999    | 0.999                                        |  |  |
| n <sub>t</sub>                                         | 1013.98        | 1.490121                             | P <sub>i,h</sub>                            | 0.7479  | P' <sub>i,h</sub>  | 0.7421                    |                                     | 1600                             | 0.999    | 0.999                                        |  |  |
| n <sub>s</sub>                                         | 852.11         | 1.491841                             |                                             |         |                    |                           |                                     | 1400                             | 0.999    | 0.999                                        |  |  |
| n <sub>r</sub>                                         | 706.52         | 1.494079                             | 异常色散   Abnormal Dispersions                 |         |                    |                           |                                     | 1200                             | 0.999    | 0.999                                        |  |  |
| n <sub>C</sub>                                         | 656.27         | 1.495140                             | ΔP <sub>C,t</sub>                           | -0.1067 | ΔP <sub>C,s</sub>  | -0.0530                   |                                     | 1060                             | 0.999    | 0.999                                        |  |  |
| n <sub>C'</sub>                                        | 643.85         | 1.495436                             | ΔP <sub>F,e</sub>                           | 0.0106  | ΔP <sub>g,F</sub>  | 0.0312                    |                                     | 1000                             | 0.999    | 0.999                                        |  |  |
| n <sub>He-Ne</sub>                                     | 632.8          | 1.495713                             |                                             |         |                    |                           |                                     | 950                              | 0.999    | 0.999                                        |  |  |
| n <sub>D</sub>                                         | 589.29         | 1.496946                             |                                             |         |                    |                           |                                     | 900                              | 0.999    | 0.999                                        |  |  |
| n <sub>d</sub>                                         | 587.56         | 1.497000                             | 着色度   Color Code                            |         |                    |                           |                                     | 850                              | 0.999    | 0.999                                        |  |  |
| n <sub>e</sub>                                         | 546.07         | 1.498454                             | λ <sub>80</sub> /λ <sub>5</sub>             |         | 320/-              |                           |                                     | 800                              | 0.999    | 0.998                                        |  |  |
| n <sub>F</sub>                                         | 486.13         | 1.501230                             | λ <sub>70</sub> /λ <sub>5</sub>             |         |                    |                           |                                     | 700                              | 0.999    | 0.998                                        |  |  |
| n <sub>F'</sub>                                        | 479.99         | 1.501574                             |                                             |         |                    |                           |                                     | 650                              | 0.999    | 0.998                                        |  |  |
| n <sub>g</sub>                                         | 435.83         | 1.504506                             |                                             |         |                    |                           |                                     | 600                              | 0.999    | 0.998                                        |  |  |
| n <sub>h</sub>                                         | 404.66         | 1.507205                             |                                             |         |                    |                           |                                     | 550                              | 0.999    | 0.998                                        |  |  |
| n <sub>i</sub>                                         | 365.01         | 1.511760                             | 热性质   Thermal Properties                    |         |                    |                           |                                     | 500                              | 0.999    | 0.998                                        |  |  |
| n <sub>313.18</sub>                                    | 313.18         | 1.520843                             | T <sub>g</sub> (°C)                         |         |                    | 461                       |                                     | 480                              | 0.998    | 0.995                                        |  |  |
| n <sub>302.15</sub>                                    | 302.15         | 1.523488                             | T <sub>s</sub> (°C)                         |         |                    | 486                       |                                     | 460                              | 0.998    | 0.995                                        |  |  |
|                                                        |                |                                      | T <sub>10</sub> <sup>14.5</sup> (°C)        |         |                    | 420                       |                                     | 440                              | 0.999    | 0.998                                        |  |  |
|                                                        |                |                                      | T <sub>10</sub> <sup>13</sup> (°C)          |         |                    | 452                       |                                     | 420                              | 0.999    | 0.998                                        |  |  |
| 色散公式常数   Constants of Dispersion Formula               |                |                                      | T <sub>10</sub> <sup>7.6</sup> (°C)         |         |                    | 533                       |                                     | 400                              | 0.999    | 0.998                                        |  |  |
| K <sub>1</sub>                                         | 5.02504076E-01 |                                      | α <sub>-30/70℃</sub> (10 <sup>-7</sup> /K)  |         |                    | 131                       |                                     | 390                              | 0.999    | 0.998                                        |  |  |
| L <sub>1</sub>                                         | 1.32743798E-03 |                                      | α <sub>100/300℃</sub> (10 <sup>-7</sup> /K) |         |                    | 157                       |                                     | 380                              | 0.999    | 0.998                                        |  |  |
| K <sub>2</sub>                                         | 7.15240076E-01 |                                      | λ[W/(m·K)]                                  |         |                    |                           |                                     | 370                              | 0.998    | 0.995                                        |  |  |
| L <sub>2</sub>                                         | 1.08378966E-02 |                                      |                                             |         |                    |                           |                                     | 365                              | 0.996    | 0.990                                        |  |  |
| K <sub>3</sub>                                         | 8.36628986E-01 |                                      |                                             |         |                    |                           |                                     | 360                              | 0.994    | 0.985                                        |  |  |
| L <sub>3</sub>                                         | 1.55933755E+02 |                                      | 化学性质   Chemical Properties                  |         |                    |                           |                                     | 350                              | 0.988    | 0.970                                        |  |  |
|                                                        |                |                                      |                                             |         |                    | Grade                     |                                     | 340                              | 0.974    | 0.936                                        |  |  |
| 折射率温度系数常数   Constants of dn/dt                         |                |                                      | D <sub>W</sub>                              |         |                    | 1                         |                                     | 330                              | 0.944    | 0.866                                        |  |  |
| D <sub>0</sub>                                         | -2.07E-05      |                                      | D <sub>A</sub>                              |         |                    | 5                         |                                     | 320                              | 0.879    | 0.724                                        |  |  |
| D <sub>1</sub>                                         | -3.70E-10      |                                      | CR                                          |         |                    | 1                         |                                     | 310                              | 0.777    | 0.532                                        |  |  |
| D <sub>2</sub>                                         | -2.32E-11      |                                      | RC(S)                                       |         |                    | 1                         |                                     | 300                              | 0.636    | 0.323                                        |  |  |
| E <sub>0</sub>                                         | 3.49E-07       |                                      | RA(S)                                       |         |                    | 3                         |                                     | 290                              | 0.464    | 0.147                                        |  |  |
| E <sub>1</sub>                                         | 2.63E-10       |                                      |                                             |         |                    |                           |                                     | 280                              | 0.300    | 0.049                                        |  |  |
| λ <sub>TK</sub> (μm)                                   | 0.180          |                                      |                                             |         |                    |                           |                                     |                                  |          |                                              |  |  |
|                                                        |                |                                      |                                             |         |                    |                           |                                     |                                  |          |                                              |  |  |
| 折射率温度系数   Temperature Coefficients of Refractive Index |                |                                      |                                             |         |                    |                           | 机械性质   Mechanical Properties        |                                  |          |                                              |  |  |
| 温度范围 (°C)<br>Range of Temperature                      |                | dn/dt relative(10 <sup>-6</sup> /°C) |                                             |         |                    |                           | H <sub>K</sub> (10 <sup>7</sup> Pa) |                                  | 372      |                                              |  |  |
|                                                        |                |                                      |                                             |         |                    |                           | F <sub>A</sub>                      |                                  | 343      |                                              |  |  |
|                                                        |                |                                      |                                             |         |                    |                           | E (10 <sup>7</sup> Pa)              |                                  | 7007     |                                              |  |  |
|                                                        |                |                                      |                                             |         |                    |                           | G (10 <sup>7</sup> Pa)              |                                  | 2694     |                                              |  |  |
|                                                        |                |                                      |                                             |         |                    |                           | μ                                   |                                  | 0.300    |                                              |  |  |
|                                                        |                |                                      |                                             |         |                    |                           | B (10 <sup>-12</sup> /Pa)           |                                  | 0.69     |                                              |  |  |
|                                                        |                |                                      |                                             |         |                    |                           |                                     |                                  |          |                                              |  |  |
|                                                        |                |                                      |                                             |         |                    |                           | 其他性质   Other Properties             |                                  |          |                                              |  |  |
|                                                        |                |                                      |                                             |         |                    |                           | ρ (g/cm <sup>3</sup> )              |                                  | 3.70     |                                              |  |  |
|                                                        |                |                                      |                                             |         |                    |                           |                                     |                                  |          |                                              |  |  |
| 备注   Remarks                                           |                |                                      |                                             |         |                    |                           |                                     |                                  |          |                                              |  |  |
| i 线玻璃                                                  |                |                                      |                                             |         |                    |                           |                                     |                                  |          |                                              |  |  |
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