

| H-ZK7A | | | 613604 | | | | n _d = 1.613090 | | v _d = 60.36 | | n _F - n _C = 0.010158 | |
|--|----------------|--------------------------------------|--|---------|--------------------|---------|---------------------------------|----------------|------------------------|-------------------------------------|--|-------|
| | | | | | | | n _e = 1.615513 | | v _e = 60.11 | | n _{F'} - n _{C'} = 0.010240 | |
| 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 _{s,t} | 0.2902 | P' _{s,t} | 0.2879 | λ (nm) | τ (5mm) | τ (10mm) | | | |
| n _{2325.42} | 2325.42 | 1.581889 | P _{C,s} | 0.5453 | P' _{C',s} | 0.5893 | 2400 | 0.866 | 0.750 | | | |
| n _{1970.09} | 1970.09 | 1.587980 | P _{d,C} | 0.3053 | P' _{d,C'} | 0.2545 | 2200 | 0.937 | 0.878 | | | |
| n _{1529.58} | 1529.58 | 1.594361 | P _{e,d} | 0.2385 | P' _{e,d} | 0.2366 | 2000 | 0.981 | 0.962 | | | |
| n _{1060.0} | 1060.0 | 1.600785 | P _{g,F} | 0.5411 | P' _{g,F'} | 0.4804 | 1800 | 0.991 | 0.982 | | | |
| n _t | 1013.98 | 1.601502 | P _{i,h} | 0.7626 | P' _{i,h} | 0.7564 | 1600 | 0.996 | 0.992 | | | |
| n _s | 852.11 | 1.604450 | 异常色散 Abnormal Dispersions | | | | 1400 | 0.993 | 0.985 | | | |
| n _r | 706.52 | 1.608216 | | | | | ΔP _{C,t} | 0.0048 | ΔP _{C,s} | 0.0008 | 1200 | 0.999 |
| n _C | 656.27 | 1.609989 | ΔP _{F,e} | -0.0006 | ΔP _{g,F} | -0.0019 | 1060 | 0.999 | 0.998 | | | |
| n _{C'} | 643.85 | 1.610484 | 着色度 Color Code | | | | 1000 | 0.999 | 0.998 | | | |
| n _{He-Ne} | 632.8 | 1.610946 | | | | | λ ₈₀ /λ ₅ | 350/290 | | | 950 | 0.999 |
| n _D | 589.29 | 1.612999 | λ ₇₀ /λ ₅ | | | | 900 | 0.999 | 0.998 | | | |
| n _d | 587.56 | 1.613090 | 热性质 Thermal Properties | | | | 850 | 0.999 | 0.998 | | | |
| n _e | 546.07 | 1.615513 | | | | | T _g (°C) | 670 | | | 800 | 0.999 |
| n _F | 486.13 | 1.620147 | T _s (°C) | 710 | | | 700 | 0.999 | 0.998 | | | |
| n _{F'} | 479.99 | 1.620724 | T ₁₀ ^{14.5} (°C) | 606 | | | 650 | 0.999 | 0.998 | | | |
| n _g | 435.83 | 1.625643 | T ₁₀ ¹³ (°C) | 645 | | | 600 | 0.998 | 0.997 | | | |
| n _h | 404.66 | 1.630196 | T ₁₀ ^{7.6} (°C) | 770 | | | 550 | 0.998 | 0.997 | | | |
| n _i | 365.01 | 1.637942 | α _{30/70} (10 ⁻⁷ /K) | 62 | | | 500 | 0.998 | 0.996 | | | |
| n _{313.18} | 313.18 | 1.653649 | α _{100/300} (10 ⁻⁷ /K) | 75 | | | 480 | 0.997 | 0.995 | | | |
| n _{302.15} | 302.15 | 1.658294 | λ[W/(m·K)] | | | | 460 | 0.997 | 0.995 | | | |
| 色散公式常数 Constants of Dispersion Formula | | | 化学性质 Chemical Properties | | | | 440 | 0.995 | 0.991 | | | |
| | | | | | | | K ₁ | 9.38065696E-01 | | Grade | | 420 |
| L ₁ | 4.38468072E-03 | | D _w | | 3 | | 400 | 0.993 | 0.987 | | | |
| K ₂ | 6.23491935E-01 | | D _A | | 4 | | 390 | 0.989 | 0.979 | | | |
| L ₂ | 1.69391481E-02 | | CR | | 4 | | 380 | 0.984 | 0.968 | | | |
| K ₃ | 1.00587058E+00 | | RC(S) | | 1 | | 370 | 0.972 | 0.945 | | | |
| L ₃ | 9.32750706E+01 | | RA(S) | | 4 | | 360 | 0.947 | 0.897 | | | |
| 折射率温度系数常数 Constants of dn/dt | | | 机械性质 Mechanical Properties | | | | 350 | 0.899 | 0.809 | | | |
| | | | | | | | D ₀ | 3.89E-07 | | H _k (10 ⁷ Pa) | | 553 |
| D ₁ | 1.54E-08 | | D _w | | | | 3 | | 320 | | 0.508 | 0.258 |
| D ₂ | -4.77E-11 | | D _A | | | | 4 | | 310 | | 0.354 | 0.125 |
| E ₀ | 3.87E-07 | | CR | | | | 4 | | 300 | | 0.217 | 0.047 |
| E ₁ | 5.71E-10 | | RC(S) | | | | 1 | | 290 | | 0.126 | 0.016 |
| λ _{TK} (μm) | 0.198 | | RA(S) | | | | 4 | | 280 | | | |
| 折射率温度系数 Temperature Coefficients of Refractive Index | | | 其他性质 Other Properties | | | | ρ (g/cm ³) | | 3.41 | | | |
| 温度范围 (°C) | | dn/dt relative(10 ⁻⁶ /°C) | | | | | | 备注 Remarks | | | | |
| Range of Temperature | | t | C' | d | e | F' | g | | | | | |
| -60~-40 | | | | | | | | | | | | |
| -40~-20 | | 1.6 | 1.8 | 1.9 | 2.0 | 2.4 | 2.6 | | | | | |
| -20~0 | | 1.7 | 2.0 | 2.0 | 2.3 | 2.6 | 2.7 | | | | | |
| 0~20 | | 1.8 | 2.1 | 2.1 | 2.5 | 2.8 | 2.8 | | | | | |
| 20~40 | | 1.9 | 2.2 | 2.3 | 2.6 | 2.9 | 3.0 | | | | | |
| 40~60 | | 2.0 | 2.3 | 2.4 | 2.6 | 2.9 | 3.3 | | | | | |
| 60~80 | | 2.2 | 2.5 | 2.6 | 2.7 | 3.0 | 3.4 | | | | | |
| 80~100 | | | | | | | | | | | | |
| 100~120 | | | | | | | | | | | | |
| 120~140 | | | | | | | | | | | | |