

| H-ZK14 | | | 603606 | | | | n _d = 1.603110 | | v _d = 60.60 | | n _F - n _C = 0.009952 | |
|--|----------------|----------|--|---------|--------------------|---------|-------------------------------------|----------------|------------------------|-------------------------------------|--|------------------------|
| | | | | | | | n _e = 1.605484 | | v _e = 60.35 | | n _{F'} - n _{C'} = 0.010033 | |
| 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} | 0.2873 | P' _{s,t} | 0.2850 | λ (nm) | τ (5mm) | τ (10mm) | | | |
| n _{2325.42} | 2325.42 | 1.573151 | P _{C,s} | 0.5432 | P' _{C',s} | 0.5871 | 2400 | 0.800 | 0.640 | | | |
| n _{1970.09} | 1970.09 | 1.578905 | P _{d,C} | 0.3050 | P' _{d,C'} | 0.2543 | 2200 | 0.880 | 0.770 | | | |
| n _{1529.58} | 1529.58 | 1.584961 | P _{e,d} | 0.2385 | P' _{e,d} | 0.2366 | 2000 | 0.968 | 0.937 | | | |
| n _{1060.0} | 1060.0 | 1.591117 | P _{g,F} | 0.5414 | P' _{g,F'} | 0.4807 | 1800 | 0.979 | 0.958 | | | |
| n _t | 1013.98 | 1.591810 | P _{i,h} | 0.7630 | P' _{i,h} | 0.7568 | 1600 | 0.990 | 0.980 | | | |
| n _s | 852.11 | 1.594669 | 异常色散 Abnormal Dispersions | | | | 1400 | 0.995 | 0.990 | | | |
| n _r | 706.52 | 1.598342 | | | | | ΔP _{C,t} | -0.0013 | ΔP _{C,s} | -0.0018 | 1200 | 0.997 |
| n _C | 656.27 | 1.600075 | ΔP _{F,e} | -0.0001 | ΔP _{g,F} | -0.0011 | 1060 | 0.998 | 0.996 | | | |
| n _{C'} | 643.85 | 1.600559 | 着色度 Color Code | | | | 1000 | 0.998 | 0.996 | | | |
| n _{He-Ne} | 632.8 | 1.601011 | | | | | λ ₈₀ /λ ₅ | 345/290 | | | 950 | 0.998 |
| n _D | 589.29 | 1.603021 | λ ₇₀ /λ ₅ | | | | 900 | 0.998 | 0.996 | | | |
| n _d | 587.56 | 1.603110 | 热性质 Thermal Properties | | | | 850 | 0.998 | 0.997 | | | |
| n _e | 546.07 | 1.605484 | | | | | T _g (°C) | 647 | | | 800 | 0.998 |
| n _F | 486.13 | 1.610027 | T _s (°C) | 687 | | | 700 | 0.998 | 0.997 | | | |
| n _{F'} | 479.99 | 1.610592 | T ₁₀ ^{14.5} (°C) | 590 | | | 650 | 0.998 | 0.997 | | | |
| n _g | 435.83 | 1.615415 | T ₁₀ ¹³ (°C) | 620 | | | 600 | 0.998 | 0.997 | | | |
| n _h | 404.66 | 1.619879 | T ₁₀ ^{7.6} (°C) | 768 | | | 550 | 0.999 | 0.998 | | | |
| n _i | 365.01 | 1.627472 | α _{30/70°C} (10 ⁻⁷ /K) | 61 | | | 500 | 0.998 | 0.997 | | | |
| n _{313.18} | 313.18 | 1.642851 | α _{100/300°C} (10 ⁻⁷ /K) | 75 | | | 480 | 0.998 | 0.996 | | | |
| n _{302.15} | 302.15 | 1.647394 | 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 | 0.997 | 0.994 | | | |
| | | | | | | | K ₁ | 8.21911395E-01 | | Grade | 420 | 0.997 |
| L ₁ | 3.69659724E-03 | | D _w | 2 | | | 400 | 0.995 | 0.991 | | | |
| K ₂ | 9.95367381E-01 | | D _A | 4 | | | 390 | 0.992 | 0.985 | | | |
| L ₂ | 9.79765358E+01 | | CR | | | | 380 | 0.988 | 0.976 | | | |
| K ₃ | 7.08381156E-01 | | RC(S) | 3 | | | 370 | 0.980 | 0.961 | | | |
| L ₃ | 1.59409871E-02 | | RA(S) | 3 | | | 360 | 0.965 | 0.931 | | | |
| 折射率温度系数常数 Constants of dn/dt | | | 机械性质 Mechanical Properties | | | | 350 | 0.933 | 0.870 | | | |
| | | | | | | | D ₀ | 3.66E-07 | | H _k (10 ⁷ Pa) | 581 | |
| D ₁ | 1.70E-08 | | 折射率温度系数 Temperature Coefficients of Refractive Index | | | | 330 | 0.800 | 0.640 | | | |
| D ₂ | -3.14E-11 | | | | | | D _w | 2 | | | 320 | 0.670 |
| E ₀ | 3.59E-07 | | D _A | 4 | | | 310 | 0.500 | 0.250 | | | |
| E ₁ | 3.53E-10 | | CR | | | | 300 | 0.300 | 0.090 | | | |
| λ _{TK} (μm) | 0.219 | | RC(S) | 3 | | | 290 | 0.140 | 0.020 | | | |
| 温度范围 (°C) | | | dn/dt relative(10 ⁻⁶ /°C) | | | | 机械性质 Mechanical Properties | | | | | |
| | | | | | | | H _k (10 ⁷ Pa) | | 581 | | F _A | |
| Range of Temperature | t | C' | d | e | F' | g | E (10 ⁷ Pa) | | 8460 | | | |
| -60~-40 | 1.5 | 1.9 | 2.0 | 2.1 | 2.3 | 2.6 | G (10 ⁷ Pa) | | 3370 | | | |
| -40~-20 | 1.5 | 1.9 | 2.0 | 2.1 | 2.3 | 2.6 | μ | | 0.257 | | | |
| -20~0 | 1.6 | 1.9 | 2.0 | 2.1 | 2.3 | 2.7 | B (10 ⁻¹² /Pa) | | 1.87 | | | |
| 0~20 | 1.8 | 2.0 | 2.2 | 2.3 | 2.6 | 2.8 | 其他性质 Other Properties | | | | | |
| 20~40 | 1.9 | 2.2 | 2.3 | 2.6 | 2.8 | 3.1 | | | | | | ρ (g/cm ³) |
| 40~60 | 2.2 | 2.3 | 2.5 | 2.7 | 2.9 | 3.2 | 备注 Remarks | | | | | |
| 60~80 | 2.2 | 2.5 | 2.7 | 2.7 | 3.0 | 3.3 | | | | | | |
| 80~100 | 2.2 | 2.5 | 2.7 | 2.8 | 3.2 | 3.6 | | | | | | |
| 100~120 | 2.2 | 2.8 | 2.9 | 3.1 | 3.5 | 3.8 | | | | | | |
| 120~140 | 2.3 | 2.9 | 3.0 | 3.1 | 3.5 | 3.8 | | | | | | |