

| H-ZK7 | | | 613606 | | | n _d = 1.61309 | | v _d = 60.58 | | n _F - n _C = 0.010120 | | | | | | | |
|----------------------------------------|---------|--------------------------------------|------------------------------------------------|--------|--------------------|--------------------------|------------------------------------------------------|------------------------|-------------------|----------------------------------------------|-------|-------|-------|------------------------|-------|------|--|
| | | | | | | n _e = 1.61551 | | v _e = 60.34 | | n _{F'} - n _{C'} = 0.010201 | | | | | | | |
| 折射率 Refractive Index | | | 相对部分色散 Relative Partial Dispersions | | | | 内部透透率 Internal Transmittance T | | | | | | | | | | |
| | λ (nm) | | P _{s,t} | 0.2875 | P' _{s,t} | 0.2853 | λ (nm) | τ (5mm) | τ (10mm) | | | | | | | | |
| n _{2325.42} | 2325.42 | | P _{C,s} | 0.5425 | P' _{C',s} | 0.5862 | 2400 | 0.890 | 0.790 | | | | | | | | |
| n _{1970.09} | 1970.09 | | P _{d,C} | 0.3047 | P' _{d,C'} | 0.2542 | 2200 | 0.948 | 0.898 | | | | | | | | |
| n _{1529.58} | 1529.58 | | P _{e,d} | 0.2386 | P' _{e,d} | 0.2367 | 2000 | 0.984 | 0.968 | | | | | | | | |
| n _{1060.0} | 1060.0 | | P _{g,F} | 0.5384 | P' _{g,F'} | 0.4783 | 1800 | 0.992 | 0.985 | | | | | | | | |
| n _t | 1013.98 | 1.60161 | P _{i,h} | | P' _{i,h} | | 1600 | 0.998 | 0.997 | | | | | | | | |
| n _s | 852.11 | 1.60452 | 异常色散 Abnormal Dispersions | | | | 1400 | 0.995 | 0.990 | | | | | | | | |
| n _r | 706.52 | 1.60825 | | | | | ΔP _{C,t} | -0.0017 | ΔP _{C,s} | -0.0025 | 1200 | 0.999 | 0.998 | | | | |
| n _C | 656.27 | 1.61001 | ΔP _{F,e} | 0.0000 | ΔP _{g,F} | -0.0041 | 1060 | 0.999 | 0.998 | | | | | | | | |
| n _{C'} | 643.85 | 1.61050 | 着色度 Color Code | | | | 1000 | 0.999 | 0.998 | | | | | | | | |
| n _{He-Ne} | 632.8 | 1.61096 | | | | | λ ₈₀ /λ ₅ | 355/300 | | 950 | 0.999 | 0.998 | | | | | |
| n _D | 589.29 | 1.61300 | λ ₇₀ /λ ₅ | | | 900 | 0.999 | 0.998 | | | | | | | | | |
| n _d | 587.56 | 1.61309 | 热性质 Thermal Properties | | | | 850 | 0.999 | 0.998 | | | | | | | | |
| n _e | 546.07 | 1.61551 | | | | | T _g (°C) | 658 | | 800 | 0.999 | 0.998 | | | | | |
| n _F | 486.13 | 1.62013 | T _s (°C) | 684 | | 700 | 0.999 | 0.998 | | | | | | | | | |
| n _{F'} | 479.99 | 1.62070 | T ₁₀ ^{14.5} (°C) | 609 | | 650 | 0.998 | 0.997 | | | | | | | | | |
| n _g | 435.83 | 1.62558 | T ₁₀ ¹³ (°C) | 640 | | 600 | 0.998 | 0.997 | | | | | | | | | |
| n _h | 404.66 | 1.63010 | T ₁₀ ^{7.6} (°C) | 761 | | 550 | 0.998 | 0.997 | | | | | | | | | |
| n _i | 365.01 | 1.63778 | α _{.30/70} (°C)(10 ⁻⁷ /K) | 61 | | 500 | 0.997 | 0.995 | | | | | | | | | |
| n _{313.18} | 313.18 | | α _{100/300} (°C)(10 ⁻⁷ /K) | 80 | | 480 | 0.997 | 0.994 | | | | | | | | | |
| n _{302.15} | 302.15 | | λ[W/(m·K)] | | | 460 | 0.996 | 0.993 | | | | | | | | | |
| 色散公式常数 Constants of Dispersion Formula | | | 化学性质 Chemical Properties | | | | 440 | 0.996 | 0.992 | | | | | | | | |
| | | | | | | | A ₀ | 2.5622956E+00 | | Grade | | 420 | 0.995 | 0.991 | | | |
| | | | | | | | A ₁ | -1.0884471E-02 | | D _w | 3 | | 400 | 0.993 | 0.987 | | |
| | | | | | | | A ₂ | 1.4099779E-02 | | D _A | 6 | | 390 | 0.990 | 0.980 | | |
| | | | | | | | A ₃ | 3.7925704E-04 | | CR | 4c | | 380 | 0.984 | 0.969 | | |
| | | | | | | | A ₄ | -2.4161268E-05 | | RC(S) | 1 | | 370 | 0.975 | 0.950 | | |
| | | | | | | | A ₅ | 1.4161621E-06 | | RA(S) | 3 | | 360 | 0.953 | 0.908 | | |
| 折射率温度系数常数 Constants of dn/dt | | | 机械性质 Mechanical Properties | | | | 350 | 0.918 | 0.842 | | | | | | | | |
| | | | | | | | D ₀ | -5.31E-07 | | H _k (10 ⁷ Pa) | 560 | | 340 | 0.850 | 0.730 | | |
| | | | | | | | D ₁ | 1.64E-08 | | F _A | 159 | | 330 | 0.750 | 0.560 | | |
| | | | | | | | D ₂ | -6.04E-11 | | E (10 ⁷ Pa) | 8847 | | 320 | 0.610 | 0.370 | | |
| | | | | | | | E ₀ | 3.53E-07 | | G (10 ⁷ Pa) | 3501 | | 310 | 0.420 | 0.180 | | |
| | | | | | | | E ₁ | -1.40E-10 | | μ | 0.264 | | 300 | 0.240 | 0.060 | | |
| | | | | | | | λ _{TK} (μm) | 0.230 | | B (10 ⁻¹² /Pa) | 1.86 | | 290 | 0.110 | 0.010 | | |
| | | | | | | | 折射率温度系数 Temperature Coefficients of Refractive Index | | | 其他性质 Other Properties | | | | ρ (g/cm ³) | | 3.51 | |
| 温度范围 (°C) | | dn/dt relative(10 ⁻⁶ /°C) | | | | | | | | | | | | 备注 Remarks | | | |
| | | | | | | | | | | | | | | | | | |
| -60~-40 | | | | | | | | | | | | | | | | | |
| -40~-20 | | 0.9 | 1.3 | 1.5 | 1.6 | 1.8 | | | | | | | | 2.2 | | | |
| -20~0 | | 1.3 | 1.5 | 1.6 | 1.9 | 2.0 | | | | | | | | 2.4 | | | |
| 0~20 | | 1.3 | 1.7 | 1.8 | 1.9 | 2.1 | | | | | | | | 2.4 | | | |
| 20~40 | | 1.5 | 1.8 | 1.9 | 2.0 | 2.1 | | | | | | | | 2.5 | | | |
| 40~60 | | 1.5 | 1.8 | 1.9 | 2.0 | 2.4 | | | | | | | | 2.6 | | | |
| 60~80 | | 1.6 | 1.8 | 2.1 | 2.2 | 2.4 | | | | | | | | 2.7 | | | |
| 80~100 | | | | | | | | | | | | | | | | | |
| 100~120 | | | | | | | | | | | | | | | | | |
| 120~140 | | | | | | | | | | | | | | | | | |