

| H-LaK8B | | | 720503 | | | | n _d = 1.720000 | | ν _d = 50.28 | | n _F - n _C = 0.014320 | |
|--|----------------|----------|--|-----------|--------------------|----------------|-------------------------------------|---------|---------------------------|--------|--|-------|
| | | | | | | | n _e = 1.723410 | | ν _e = 50.02 | | n _{F'} - n _{C'} = 0.014462 | |
| 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} | 0.2635 | P' _{s,t} | 0.2610 | λ (nm) | τ (5mm) | τ (10mm) | | | |
| n _{2325.42} | 2325.42 | 1.682742 | P _{C,s} | 0.5223 | P' _{C',s} | 0.5645 | 2400 | 0.867 | 0.751 | | | |
| n _{1970.09} | 1970.09 | 1.689183 | P _{d,C} | 0.3013 | P' _{d,C'} | 0.2510 | 2200 | 0.963 | 0.928 | | | |
| n _{1529.58} | 1529.58 | 1.696087 | P _{e,d} | 0.2381 | P' _{e,d} | 0.2358 | 2000 | 0.986 | 0.972 | | | |
| n _{1060.0} | 1060.0 | 1.703544 | P _{g,F} | 0.5533 | P' _{g,F'} | 0.4907 | 1800 | 0.995 | 0.990 | | | |
| n _t | 1013.98 | 1.704432 | P _{i,h} | 0.7999 | P' _{i,h} | 0.7921 | 1600 | 0.998 | 0.997 | | | |
| n _s | 852.11 | 1.708206 | 异常色散 Abnormal Dispersions | | | | 1400 | 0.999 | 0.998 | | | |
| n _r | 706.52 | 1.713253 | | | | | ΔP _{C,t} | 0.0027 | ΔP _{C,s} | 0.0017 | 1200 | 0.999 |
| n _C | 656.27 | 1.715686 | ΔP _{F,e} | -0.0016 | ΔP _{g,F} | -0.0068 | 1060 | 0.999 | 0.998 | | | |
| n _{C'} | 643.85 | 1.716370 | 着色度 Color Code | | | | 1000 | 0.999 | 0.998 | | | |
| n _{He-Ne} | 632.8 | 1.717010 | | | | | λ ₈₀ /λ ₅ | 370/305 | | | 950 | 0.999 |
| n _D | 589.29 | 1.719873 | λ ₇₀ /λ ₅ | | | | 900 | 0.999 | 0.998 | | | |
| n _d | 587.56 | 1.720000 | 热性质 Thermal Properties | | | | 850 | 0.999 | 0.998 | | | |
| n _e | 546.07 | 1.723410 | | | | | T _g (°C) | 636 | | | 800 | 0.999 |
| n _F | 486.13 | 1.730006 | T _s (°C) | 664 | | | 700 | 0.999 | 0.998 | | | |
| n _{F'} | 479.99 | 1.730832 | T ₁₀ ^{14.5} (°C) | 591 | | | 650 | 0.999 | 0.998 | | | |
| n _g | 435.83 | 1.737929 | T ₁₀ ¹³ (°C) | 619 | | | 600 | 0.999 | 0.998 | | | |
| n _h | 404.66 | 1.744570 | T ₁₀ ^{7.6} (°C) | 714 | | | 550 | 0.999 | 0.998 | | | |
| n _i | 365.01 | 1.756025 | α _{-30/70} (10 ⁻⁷ /K) | 76 | | | 500 | 0.998 | 0.997 | | | |
| n _{313.18} | 313.18 | 1.779918 | α _{100/300} (10 ⁻⁷ /K) | 91 | | | 480 | 0.997 | 0.995 | | | |
| n _{302.15} | 302.15 | 1.787175 | 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 | 0.994 | 0.988 | | | |
| | | | | | | | Grade | | | 420 | 0.992 | 0.984 |
| K ₁ | 1.55351121E+00 | | D _w | 1 | | | 400 | 0.987 | 0.975 | | | |
| L ₁ | 7.93041249E-03 | | D _A | 3 | | | 390 | 0.982 | 0.965 | | | |
| K ₂ | 3.42243754E-01 | | CR | 1 | | | 380 | 0.974 | 0.948 | | | |
| L ₂ | 2.80174591E-02 | | RC(S) | 1 | | | 370 | 0.956 | 0.913 | | | |
| K ₃ | 1.07011974E+00 | | RA(S) | 4 | | | 360 | 0.924 | 0.853 | | | |
| L ₃ | 9.02590858E+01 | | Grade | | | | 350 | 0.871 | 0.759 | | | |
| 折射率温度系数常数 Constants of dn/dt | | | | | | | D _w | 1 | | | 340 | 0.792 |
| | | | D ₀ | -2.05E-07 | | D _A | 3 | | | 330 | 0.677 | 0.459 |
| D ₁ | 1.37E-08 | | CR | 1 | | | 320 | 0.526 | 0.277 | | | |
| D ₂ | -3.29E-11 | | RC(S) | 1 | | | 310 | 0.332 | 0.110 | | | |
| E ₀ | 4.91E-07 | | RA(S) | 4 | | | 300 | | | | | |
| E ₁ | 6.32E-10 | | 机械性质 Mechanical Properties | | | | 290 | | | | | |
| λ _{TK} (μm) | 0.249 | | | | | | H _k (10 ⁷ Pa) | 582 | | | 280 | |
| 折射率温度系数 Temperature Coefficients of Refractive Index | | | dn/dt relative(10 ⁻⁶ /°C) | | | | 机械性质 Mechanical Properties | | | | | |
| | | | | | | | F _A | 131 | | | | |
| 温度范围 (°C) | | | t | C' | d | e | F' | g | E (10 ⁷ Pa) | 10461 | | |
| Range of Temperature | | | | | | | | | G (10 ⁷ Pa) | 4044 | | |
| -60~-40 | 1.4 | 1.9 | 2.1 | 2.3 | 2.6 | 3.0 | 3.0 | 3.6 | μ | 0.293 | | |
| -40~-20 | 1.4 | 2.0 | 2.2 | 2.3 | 2.7 | 3.1 | 3.1 | 3.6 | B (10 ⁻¹² /Pa) | 1.76 | | |
| -20~0 | 1.6 | 2.2 | 2.2 | 2.4 | 3.0 | 3.6 | 3.6 | 3.6 | 其他性质 Other Properties | | | |
| 0~20 | 1.8 | 2.2 | 2.4 | 2.6 | 3.2 | 3.6 | 3.6 | 3.6 | | | | |
| 20~40 | 1.9 | 2.2 | 2.6 | 2.7 | 3.3 | 3.9 | 3.9 | 3.9 | ρ (g/cm ³) | 3.88 | | |
| 40~60 | 1.9 | 2.4 | 2.7 | 2.9 | 3.4 | 4.1 | 4.1 | 4.1 | 备注 Remarks | | | |
| 60~80 | 2.0 | 2.5 | 2.9 | 3.1 | 3.6 | 4.2 | 4.2 | 4.2 | | | | |
| 80~100 | 2.0 | 2.6 | 2.9 | 3.2 | 3.7 | 4.4 | 4.4 | 4.4 | | | | |
| 100~120 | 2.1 | 2.7 | 3.0 | 3.3 | 3.8 | 4.6 | 4.6 | 4.6 | | | | |
| 120~140 | 2.2 | 2.8 | 3.1 | 3.5 | 4.0 | 4.7 | 4.7 | 4.7 | | | | |