

| H-ZLaF76A | | | 850300 | | | | n _d = 1.850130 | | v _d = 30.01 | | n _F - n _C = 0.028326 | | |
|--|---------|----------|--|---------|--------------------|--------|-------------------------------------|---------|---------------------------|----------------|--|----------------|-------|
| | | | | | | | n _e = 1.856823 | | v _e = 29.78 | | n _{F'} - n _{C'} = 0.028771 | | |
| 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} | 0.2145 | P' _{s,t} | 0.2112 | λ (nm) | τ (5mm) | τ (10mm) | | | | |
| n _{2325.42} | 2325.42 | 1.798014 | P _{C,s} | 0.4716 | P' _{C',s} | 0.5088 | 2400 | 0.960 | 0.921 | | | | |
| n _{1970.09} | 1970.09 | 1.804203 | P _{d,C} | 0.2899 | P' _{d,C'} | 0.2409 | 2200 | 0.982 | 0.964 | | | | |
| n _{1529.58} | 1529.58 | 1.811471 | P _{e,d} | 0.2363 | P' _{e,d} | 0.2326 | 2000 | 0.991 | 0.983 | | | | |
| n _{1060.0} | 1060.0 | 1.821147 | P _{g,F} | 0.5998 | P' _{g,F'} | 0.5306 | 1800 | 0.994 | 0.989 | | | | |
| n _t | 1013.98 | 1.822484 | P _{i,h} | 0.9930 | P' _{i,h} | 0.9776 | 1600 | 0.997 | 0.995 | | | | |
| n _s | 852.11 | 1.828561 | 异常色散 Abnormal Dispersions | | | | 1400 | 0.998 | 0.996 | | | | |
| n _r | 706.52 | 1.837432 | | | | | ΔP _{C,t} | -0.0015 | ΔP _{C,s} | -0.0011 | 1200 | 0.998 | 0.996 |
| n _C | 656.27 | 1.841919 | ΔP _{F,e} | 0.0007 | ΔP _{g,F} | 0.0052 | 1060 | 0.998 | 0.996 | | | | |
| n _{C'} | 643.85 | 1.843200 | 着色度 Color Code | | | | 1000 | 0.998 | 0.995 | | | | |
| n _{He-Ne} | 632.8 | 1.844406 | | | | | λ ₈₀ /λ ₅ | | | | 950 | 0.998 | 0.996 |
| n _D | 589.29 | 1.849884 | λ ₇₀ /λ ₅ | 410/360 | | | 900 | 0.998 | 0.996 | | | | |
| n _d | 587.56 | 1.850130 | 热性质 Thermal Properties | | | | 850 | 0.998 | 0.996 | | | | |
| n _e | 546.07 | 1.856823 | | | | | T _g (°C) | 685 | | | 800 | 0.997 | 0.994 |
| n _F | 486.13 | 1.870245 | T _s (°C) | 733 | | | 700 | 0.996 | 0.993 | | | | |
| n _{F'} | 479.99 | 1.871971 | T ₁₀ ^{14.5} (°C) | 642 | | | 650 | 0.995 | 0.991 | | | | |
| n _g | 435.83 | 1.887236 | T ₁₀ ¹³ (°C) | 677 | | | 600 | 0.992 | 0.985 | | | | |
| n _h | 404.66 | 1.902295 | T ₁₀ ^{7.6} (°C) | 804 | | | 550 | 0.988 | 0.976 | | | | |
| n _i | 365.01 | 1.930422 | α _{30/70°C} (10 ⁻⁷ /K) | 64 | | | 500 | 0.976 | 0.953 | | | | |
| n _{313.18} | 313.18 | | α _{100/300°C} (10 ⁻⁷ /K) | 76 | | | 480 | 0.970 | 0.940 | | | | |
| n _{302.15} | 302.15 | | λ[W/(m·K)] | | | | 460 | 0.961 | 0.924 | | | | |
| 色散公式常数 Constants of Dispersion Formula | | | 化学性质 Chemical Properties | | | | Grade | | 440 | 0.949 | 0.901 | | |
| | | | | | | | | | K ₁ | 2.00079286E+00 | | D _w | 1 |
| 折射率温度系数常数 Constants of dn/dt | | | Grade | | | | Grade | | 400 | 0.883 | 0.780 | | |
| | | | | | | | | | L ₁ | 1.29599870E-02 | | D _A | 1 |
| 折射率温度系数常数 Constants of dn/dt | | | Grade | | | | Grade | | 380 | 0.724 | 0.524 | | |
| | | | | | | | | | K ₂ | 1.53020671E+00 | | CR | 1 |
| 折射率温度系数常数 Constants of dn/dt | | | Grade | | | | Grade | | 360 | 0.167 | 0.028 | | |
| | | | | | | | | | L ₂ | 1.31107483E+02 | | RC(S) | 1 |
| 折射率温度系数常数 Constants of dn/dt | | | Grade | | | | Grade | | 340 | | | | |
| | | | | | | | | | K ₃ | 2.89955307E-01 | | RA(S) | 2 |
| 折射率温度系数常数 Constants of dn/dt | | | Grade | | | | Grade | | 320 | | | | |
| | | | | | | | | | L ₃ | 5.77379770E-02 | | | |
| 折射率温度系数常数 Constants of dn/dt | | | Grade | | | | Grade | | 300 | | | | |
| | | | | | | | | | D ₀ | 4.09E-06 | | | |
| 折射率温度系数常数 Constants of dn/dt | | | Grade | | | | Grade | | 280 | | | | |
| | | | | | | | | | D ₁ | 1.67E-08 | | | |
| 折射率温度系数常数 Constants of dn/dt | | | Grade | | | | Grade | | | | | | |
| | | | | | | | | | D ₂ | -4.15E-11 | | | |
| 折射率温度系数常数 Constants of dn/dt | | | Grade | | | | Grade | | | | | | |
| | | | | | | | | | E ₀ | 1.04E-06 | | | |
| 折射率温度系数常数 Constants of dn/dt | | | Grade | | | | Grade | | | | | | |
| | | | | | | | | | E ₁ | 1.10E-09 | | | |
| 折射率温度系数常数 Constants of dn/dt | | | Grade | | | | Grade | | | | | | |
| | | | | | | | | | λ _{TK} (μm) | 0.255 | | | |
| 折射率温度系数 Temperature Coefficients of Refractive Index | | | 机械性质 Mechanical Properties | | | | 机械性质 Mechanical Properties | | | | | | |
| 温度范围 (°C) | | | dn/dt relative(10 ⁻⁶ /°C) | | | | H _k (10 ⁷ Pa) | | 569 | | | | |
| Range of Temperature | | | t | C' | d | e | F' | g | F _A | | | | |
| -60~-40 | | | 4.5 | 5.5 | 5.8 | 6.6 | 7.6 | 8.9 | E (10 ⁷ Pa) | | | | |
| -40~-20 | | | 4.5 | 5.5 | 6.0 | 6.6 | 7.6 | 9.2 | G (10 ⁷ Pa) | | | | |
| -20~0 | | | 4.7 | 5.8 | 6.5 | 6.7 | 8.1 | 9.6 | μ | | | | |
| 0~20 | | | 4.8 | 6.1 | 6.6 | 7.1 | 8.5 | 9.9 | B (10 ⁻¹² /Pa) | | | | |
| 20~40 | | | 4.8 | 6.4 | 6.9 | 7.6 | 8.8 | 10.4 | 其他性质 Other Properties | | | | |
| 40~60 | | | 5.4 | 6.8 | 7.3 | 8.1 | 9.4 | 11.0 | ρ (g/cm ³) | | | | |
| 60~80 | | | 5.5 | 6.9 | 7.5 | 8.2 | 9.7 | 11.3 | 4.31 | | | | |
| 80~100 | | | 5.6 | 7.0 | 7.8 | 8.3 | 9.8 | 11.6 | 备注 Remarks | | | | |
| 100~120 | | | 5.7 | 7.2 | 7.9 | 8.5 | 9.9 | 11.9 | | | | | |
| 120~140 | | | 6.0 | 7.3 | 8.1 | 8.5 | 10.1 | 12.2 | | | | | |