

| H-ZLaF75C | | | 904314 | | n _d = 1.903660 | | v _d = 31.36 | | n _F - n _C = 0.028818 | | |
|--|---------|----------|--|---------|---------------------------|--------|---------------------------------|---------|--|--------|------|
| | | | | | n _e = 1.910474 | | v _e = 31.12 | | n _{F'} - n _{C'} = 0.029256 | | |
| 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} | 0.2197 | P' _{s,t} | 0.2164 | λ (nm) | τ (5mm) | τ (10mm) | | |
| n _{2325.42} | 2325.42 | 1.848171 | P _{C,s} | 0.4766 | P' _{C',s} | 0.5143 | 2400 | 0.917 | 0.841 | | |
| n _{1970.09} | 1970.09 | 1.855243 | P _{d,C} | 0.2909 | P' _{d,C'} | 0.2418 | 2200 | 0.975 | 0.950 | | |
| n _{1529.58} | 1529.58 | 1.863384 | P _{e,d} | 0.2364 | P' _{e,d} | 0.2329 | 2000 | 0.989 | 0.979 | | |
| n _{1060.0} | 1060.0 | 1.873803 | P _{g,F} | 0.5957 | P' _{g,F'} | 0.5270 | 1800 | 0.997 | 0.993 | | |
| n _t | 1013.98 | 1.875210 | P _{i,h} | 0.9756 | P' _{i,h} | 0.9610 | 1600 | 0.999 | 0.998 | | |
| n _s | 852.11 | 1.881541 | 异常色散 Abnormal Dispersions | | | | 1400 | 0.999 | 0.998 | | |
| n _r | 706.52 | 1.890679 | | | | | ΔP _{C,t} | 0.0023 | ΔP _{C,s} | 0.0008 | 1200 |
| n _C | 656.27 | 1.895276 | ΔP _{F,e} | 0.0002 | ΔP _{g,F} | 0.0034 | 1060 | 0.999 | 0.998 | | |
| n _{C'} | 643.85 | 1.896586 | 着色度 Color Code | | | | 1000 | 0.999 | 0.998 | | |
| n _{He-Ne} | 632.8 | 1.897819 | | | | | λ ₈₀ /λ ₅ | | | | 950 |
| n _D | 589.29 | 1.903409 | λ ₇₀ /λ ₅ | 400/360 | | | 900 | 0.999 | 0.998 | | |
| n _d | 587.56 | 1.903660 | 热性质 Thermal Properties | | | | 850 | 0.999 | 0.998 | | |
| n _e | 546.07 | 1.910474 | | | | | T _g (°C) | 670 | | | 800 |
| n _F | 486.13 | 1.924094 | T _s (°C) | 703 | | | 700 | 0.999 | 0.998 | | |
| n _{F'} | 479.99 | 1.925842 | T ₁₀ ^{14.5} (°C) | 620 | | | 650 | 0.998 | 0.997 | | |
| n _g | 435.83 | 1.941260 | T ₁₀ ¹³ (°C) | 653 | | | 600 | 0.996 | 0.992 | | |
| n _h | 404.66 | 1.956407 | T ₁₀ ^{7.6} (°C) | 763 | | | 550 | 0.995 | 0.991 | | |
| n _i | 365.01 | 1.984521 | α _{30/70°C} (10 ⁻⁷ /K) | 73 | | | 500 | 0.993 | 0.986 | | |
| n _{313.18} | 313.18 | | α _{100/300°C} (10 ⁻⁷ /K) | 92 | | | 480 | 0.989 | 0.978 | | |
| n _{302.15} | 302.15 | | λ[W/(m·K)] | | | | 460 | 0.985 | 0.970 | | |
| 色散公式常数 Constants of Dispersion Formula | | | 化学性质 Chemical Properties | | | | 机械性质 Mechanical Properties | | | | |
| | | | | | | | | | | | |
| 折射率温度系数常数 Constants of dn/dt | | | Grade | | | | 其他性质 Other Properties | | | | |
| | | | | | | | | | | | |
| D ₀ | | | D _w | | | | 备注 Remarks | | | | |
| | | | | | | | | | | | |
| D ₁ | | | CR | | | | | | | | |
| | | | | | | | | | | | |
| D ₂ | | | RA(S) | | | | | | | | |
| | | | | | | | | | | | |
| E ₀ | | | | | | | | | | | |
| | | | | | | | | | | | |
| E ₁ | | | | | | | | | | | |
| | | | | | | | | | | | |
| λ _{TK} (μm) | | | | | | | | | | | |
| | | | | | | | | | | | |
| 折射率温度系数 Temperature Coefficients of Refractive Index | | | | | | | | | | | |
| 温度范围 (°C) | | | dn/dt relative(10 ⁻⁶ /°C) | | | | | | | | |
| Range of Temperature | | | t | C' | d | e | F' | g | | | |
| -60~-40 | | | 0.6 | 1.8 | 2.3 | 2.8 | 3.7 | 4.7 | | | |
| -40~-20 | | | 0.9 | 1.9 | 2.4 | 2.9 | 4.1 | 5.1 | | | |
| -20~0 | | | 1.1 | 2.1 | 2.6 | 3.0 | 4.3 | 5.6 | | | |
| 0~20 | | | 1.3 | 2.3 | 2.9 | 3.4 | 4.7 | 6.1 | | | |
| 20~40 | | | 1.5 | 2.7 | 3.2 | 3.6 | 5.0 | 6.5 | | | |
| 40~60 | | | 1.6 | 2.9 | 3.5 | 4.0 | 5.3 | 6.9 | | | |
| 60~80 | | | 1.8 | 3.2 | 3.7 | 4.3 | 5.6 | 7.2 | | | |
| 80~100 | | | 1.9 | 3.4 | 3.9 | 4.4 | 5.8 | 7.5 | | | |
| 100~120 | | | 2.0 | 3.4 | 3.9 | 4.5 | 5.8 | 7.7 | | | |
| 120~140 | | | 2.0 | 3.5 | 4.0 | 4.7 | 6.0 | 7.8 | | | |