

| D-QK3L-25 | | | 487704 | | | n _d = 1.486870 | | v _d = 70.42 | | n _F - n _C = 0.006914 | |
|--|----------------|----------|--|--------|--------------------|---------------------------|---------------------------------|-----------------------------|--------------------------------------|--|-------|
| | | | | | | n _e = 1.488521 | | v _e = 70.24 | | n _{F'} - n _{C'} = 0.006955 | |
| 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} | 0.3251 | P' _{s,t} | 0.3232 | λ (nm) | τ (5mm) | τ (10mm) | | |
| n _{2325.42} | 2325.42 | 1.461174 | P _{C,s} | 0.5741 | P' _{C',s} | 0.6201 | 2400 | 0.918 | 0.844 | | |
| n _{1970.09} | 1970.09 | 1.466772 | P _{d,C} | 0.3097 | P' _{d,C'} | 0.2584 | 2200 | 0.938 | 0.879 | | |
| n _{1529.58} | 1529.58 | 1.472519 | P _{e,d} | 0.2388 | P' _{e,d} | 0.2374 | 2000 | 0.989 | 0.977 | | |
| n _{1060.0} | 1060.0 | 1.477945 | P _{g,F} | 0.5291 | P' _{g,F'} | 0.4706 | 1800 | 0.994 | 0.989 | | |
| n _t | 1013.98 | 1.478512 | P _{i,h} | 0.7326 | P' _{i,h} | 0.7283 | 1600 | 0.996 | 0.992 | | |
| n _s | 852.11 | 1.480760 | 异常色散 Abnormal Dispersions | | | | 1400 | 0.990 | 0.980 | | |
| n _r | 706.52 | 1.483484 | | | | | ΔP _{C,t} | 0.0211 | ΔP _{C,s} | 0.0058 | 1200 |
| n _C | 656.27 | 1.484729 | ΔP _{F,e} | 0.0002 | ΔP _{g,F} | 0.0033 | 1060 | 0.999 | 0.999 | | |
| n _{C'} | 643.85 | 1.485073 | 着色度 Color Code | | | | 1000 | 0.999 | 0.999 | | |
| n _{He-Ne} | 632.8 | 1.485393 | | | | | λ ₈₀ /λ ₅ | 305/270 | | 950 | 0.999 |
| n _D | 589.29 | 1.486808 | λ ₇₀ /λ ₅ | | | 900 | 0.999 | 0.999 | | | |
| n _d | 587.56 | 1.486870 | 热性质 Thermal Properties | | | | 850 | 0.999 | 0.999 | | |
| n _e | 546.07 | 1.488521 | | | | | T _g (°C) | 473 | | 800 | 0.999 |
| n _F | 486.13 | 1.491643 | T _s (°C) | 567 | | 700 | 0.999 | 0.998 | | | |
| n _{F'} | 479.99 | 1.492028 | T ₁₀ ^{14.5} (°C) | 431 | | 650 | 0.999 | 0.998 | | | |
| n _g | 435.83 | 1.495301 | T ₁₀ ¹³ (°C) | 463 | | 600 | 0.998 | 0.997 | | | |
| n _h | 404.66 | 1.498304 | T ₁₀ ^{7.6} (°C) | 673 | | 550 | 0.998 | 0.996 | | | |
| n _i | 365.01 | 1.503369 | α _{30/70°C} (10 ⁻⁷ /K) | 91 | | 500 | 0.998 | 0.996 | | | |
| n _{313.18} | 313.18 | 1.513494 | α _{100/300°C} (10 ⁻⁷ /K) | 101 | | 480 | 0.998 | 0.996 | | | |
| n _{302.15} | 302.15 | 1.516456 | λ[W/(m·K)] | | | 460 | 0.998 | 0.996 | | | |
| 色散公式常数 Constants of Dispersion Formula | | | 化学性质 Chemical Properties | | | | 440 | 0.997 | 0.995 | | |
| | | | | | | | K ₁ | 8.34888200E-01 | | Grade | 420 |
| L ₁ | 9.01036067E+01 | | D _w | 2 | | 400 | 0.998 | 0.996 | | | |
| K ₂ | 1.40256117E-01 | | D _A | 4 | | 390 | 0.997 | 0.995 | | | |
| L ₂ | 1.99283160E-02 | | CR | 2 | | 380 | 0.997 | 0.994 | | | |
| K ₃ | 1.04638050E+00 | | RC(S) | 1 | | 370 | 0.996 | 0.993 | | | |
| L ₃ | 6.08195700E-03 | | RA(S) | 3 | | 360 | 0.996 | 0.993 | | | |
| 折射率温度系数常数 Constants of dn/dt | | | 机械性质 Mechanical Properties | | | | 350 | 0.994 | 0.989 | | |
| | | | | | | | D ₀ | -9.26E-06 | | H _k (10 ⁷ Pa) | 518 |
| D ₁ | 1.71E-08 | | D _w | 2 | | 320 | 0.974 | 0.948 | | | |
| D ₂ | -1.54E-11 | | D _A | 4 | | 310 | 0.945 | 0.893 | | | |
| E ₀ | 3.26E-07 | | CR | 2 | | 300 | 0.868 | 0.753 | | | |
| E ₁ | 5.95E-10 | | RC(S) | 1 | | 290 | 0.688 | 0.474 | | | |
| λ _{TK} (μm) | 0.187 | | RA(S) | 3 | | 280 | 0.385 | 0.148 | | | |
| 折射率温度系数 Temperature Coefficients of Refractive Index | | | 其他性质 Other Properties | | | | ρ (g/cm ³) | | 2.43 | | |
| | | | | | | | 温度范围 (°C) | | dn/dt relative(10 ⁻⁶ /°C) | | |
| Range of Temperature | | t | C' | d | e | F' | g | **: 退火速率 anneal rate 25°C/h | | | |
| -60~-40 | | -2.6 | -2.3 | -2.2 | -2.2 | -2.0 | -1.9 | | | | |
| -40~-20 | | -2.5 | -2.2 | -2.1 | -2.1 | -2.0 | -1.8 | | | | |
| -20~0 | | -2.3 | -2.1 | -2.0 | -2.0 | -1.9 | -1.7 | | | | |
| 0~20 | | -2.1 | -2.0 | -2.0 | -1.9 | -1.8 | -1.6 | | | | |
| 20~40 | | -2.1 | -1.9 | -1.8 | -1.8 | -1.6 | -1.5 | | | | |
| 40~60 | | -2.1 | -1.9 | -1.7 | -1.7 | -1.5 | -1.4 | | | | |
| 60~80 | | -1.9 | -1.9 | -1.7 | -1.6 | -1.4 | -1.1 | | | | |
| 80~100 | | -1.7 | -1.6 | -1.4 | -1.3 | -1.1 | -0.8 | | | | |
| 100~120 | | -1.7 | -1.3 | -1.2 | -1.2 | -0.9 | -0.7 | | | | |
| 120~140 | | -1.5 | -1.1 | -1.1 | -1.1 | -0.8 | -0.6 | | | | |