

| D-ZK2 | | | 583594 | | | | n _d = 1.583130 | | v _d = 59.38 | | n _F - n _C = 0.009820 | |
|--|---------|----------|--|---------|--------------------|---------|---------------------------------|---------|------------------------|--------|--|----------------------|
| | | | | | | | n _e = 1.585472 | | v _e = 59.14 | | n _{F'} - n _{C'} = 0.009900 | |
| 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} | 0.2885 | P' _{s,t} | 0.2862 | λ (nm) | τ (5mm) | τ (10mm) | | | |
| n _{2325.42} | 2325.42 | 1.553363 | P _{C,s} | 0.5443 | P' _{C',s} | 0.5881 | 2400 | 0.897 | 0.804 | | | |
| n _{1970.09} | 1970.09 | 1.559101 | P _{d,C} | 0.3051 | P' _{d,C'} | 0.2544 | 2200 | 0.943 | 0.888 | | | |
| n _{1529.58} | 1529.58 | 1.565142 | P _{e,d} | 0.2385 | P' _{e,d} | 0.2366 | 2000 | 0.983 | 0.966 | | | |
| n _{1060.0} | 1060.0 | 1.571268 | P _{g,F} | 0.5412 | P' _{g,F'} | 0.4806 | 1800 | 0.991 | 0.982 | | | |
| n _t | 1013.98 | 1.571956 | P _{i,h} | 0.7630 | P' _{i,h} | 0.7569 | 1600 | 0.996 | 0.992 | | | |
| n _s | 852.11 | 1.574789 | 异常色散 Abnormal Dispersions | | | | 1400 | 0.993 | 0.986 | | | |
| n _r | 706.52 | 1.578421 | | | | | ΔP _{C,t} | 0.0067 | ΔP _{C,s} | 0.0022 | 1200 | 0.999 |
| n _C | 656.27 | 1.580134 | ΔP _{F,e} | -0.0009 | ΔP _{g,F} | -0.0033 | 1060 | 0.999 | 0.998 | | | |
| n _{C'} | 643.85 | 1.580611 | 着色度 Color Code | | | | 1000 | 0.999 | 0.998 | | | |
| n _{He-Ne} | 632.8 | 1.581058 | | | | | λ ₈₀ /λ ₅ | 335/285 | | | 950 | 0.999 |
| n _D | 589.29 | 1.583042 | λ ₇₀ /λ ₅ | | | | 900 | 0.999 | 0.998 | | | |
| n _d | 587.56 | 1.583130 | 热性质 Thermal Properties | | | | 850 | 0.999 | 0.998 | | | |
| n _e | 546.07 | 1.585472 | | | | | T _g (°C) | 501 | | | 800 | 0.999 |
| n _F | 486.13 | 1.589954 | T _s (°C) | 533 | | | 700 | 0.999 | 0.998 | | | |
| n _{F'} | 479.99 | 1.590511 | T ₁₀ ^{14.5} (°C) | 456 | | | 650 | 0.998 | 0.997 | | | |
| n _g | 435.83 | 1.595269 | T ₁₀ ¹³ (°C) | 490 | | | 600 | 0.998 | 0.997 | | | |
| n _h | 404.66 | 1.599672 | T ₁₀ ^{7.6} (°C) | 604 | | | 550 | 0.998 | 0.997 | | | |
| n _i | 365.01 | 1.607165 | α _{30/70°C} (10 ⁻⁷ /K) | 73 | | | 500 | 0.998 | 0.997 | | | |
| n _{313.18} | 313.18 | 1.622366 | α _{100/300°C} (10 ⁻⁷ /K) | 92 | | | 480 | 0.998 | 0.996 | | | |
| n _{302.15} | 302.15 | 1.626864 | λ[W/(m·K)] | | | | 460 | 0.997 | 0.995 | | | |
| 色散公式常数 Constants of Dispersion Formula | | | 化学性质 Chemical Properties | | | | 机械性质 Mechanical Properties | | | | | |
| | | | | | | | | | | | | K ₁ |
| 折射率温度系数常数 Constants of dn/dt | | | 化学性质 Chemical Properties | | | | 机械性质 Mechanical Properties | | | | | |
| | | | | | | | | | | | | L ₁ |
| 折射率温度系数常数 Constants of dn/dt | | | 化学性质 Chemical Properties | | | | 机械性质 Mechanical Properties | | | | | |
| | | | | | | | | | | | | K ₂ |
| 折射率温度系数常数 Constants of dn/dt | | | 化学性质 Chemical Properties | | | | 机械性质 Mechanical Properties | | | | | |
| | | | | | | | | | | | | L ₂ |
| 折射率温度系数常数 Constants of dn/dt | | | 化学性质 Chemical Properties | | | | 机械性质 Mechanical Properties | | | | | |
| | | | | | | | | | | | | K ₃ |
| 折射率温度系数常数 Constants of dn/dt | | | 化学性质 Chemical Properties | | | | 机械性质 Mechanical Properties | | | | | |
| | | | | | | | | | | | | L ₃ |
| 折射率温度系数常数 Constants of dn/dt | | | 化学性质 Chemical Properties | | | | 机械性质 Mechanical Properties | | | | | |
| | | | | | | | | | | | | D ₀ |
| 折射率温度系数常数 Constants of dn/dt | | | 化学性质 Chemical Properties | | | | 机械性质 Mechanical Properties | | | | | |
| | | | | | | | | | | | | D ₁ |
| 折射率温度系数常数 Constants of dn/dt | | | 化学性质 Chemical Properties | | | | 机械性质 Mechanical Properties | | | | | |
| | | | | | | | | | | | | D ₂ |
| 折射率温度系数常数 Constants of dn/dt | | | 化学性质 Chemical Properties | | | | 机械性质 Mechanical Properties | | | | | |
| | | | | | | | | | | | | E ₀ |
| 折射率温度系数常数 Constants of dn/dt | | | 化学性质 Chemical Properties | | | | 机械性质 Mechanical Properties | | | | | |
| | | | | | | | | | | | | E ₁ |
| 折射率温度系数常数 Constants of dn/dt | | | 化学性质 Chemical Properties | | | | 机械性质 Mechanical Properties | | | | | |
| | | | | | | | | | | | | λ _{TK} (μm) |
| 折射率温度系数 Temperature Coefficients of Refractive Index | | | dn/dt relative(10 ⁻⁶ /°C) | | | | 其他性质 Other Properties | | | | | |
| 温度范围 (°C) | | | dn/dt relative(10 ⁻⁶ /°C) | | | | ρ (g/cm ³) | | | | | |
| Range of Temperature | | | t | C' | d | e | F' | g | 2.96 | | | |
| -60~-40 | | | | | | | | | | | | |
| -40~-20 | | | 2.5 | 3.2 | 3.5 | 3.7 | 3.9 | 4.2 | | | | |
| -20~0 | | | 2.4 | 3.1 | 3.3 | 3.5 | 3.9 | 4.2 | | | | |
| 0~20 | | | 2.7 | 3.1 | 3.4 | 3.5 | 3.8 | 4.2 | | | | |
| 20~40 | | | 2.7 | 3.1 | 3.5 | 3.6 | 3.9 | 4.2 | | | | |
| 40~60 | | | 2.8 | 3.2 | 3.4 | 3.6 | 3.9 | 4.3 | | | | |
| 60~80 | | | 3.1 | 3.5 | 3.8 | 4.1 | 4.4 | 4.6 | | | | |
| 80~100 | | | | | | | | | | | | |
| 100~120 | | | | | | | | | | | | |
| 120~140 | | | | | | | | | | | | |
| | | | | | | | 备注 Remarks | | | | | |
| | | | | | | | *: 退火速率 anneal rate 4°C/h | | | | | |