

| D-ZK79-25 | | | 608578 | | | | n _d = 1.608090 | | v _d = 57.82 | | n _F - n _C = 0.010517 | |
|--|----------------|----------|--|---------|--------------------|---------|-------------------------------------|---------|--------------------------------------|---------|--|-------|
| | | | | | | | n _e = 1.610598 | | v _e = 57.55 | | n _{F'} - n _{C'} = 0.010609 | |
| 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} | 0.2785 | P' _{s,t} | 0.2761 | λ (nm) | τ (5mm) | τ (10mm) | | | |
| n _{2325.42} | 2325.42 | 1.578205 | P _{C,s} | 0.5360 | P' _{C',s} | 0.5792 | 2400 | 0.916 | 0.839 | | | |
| n _{1970.09} | 1970.09 | 1.583688 | P _{d,C} | 0.3038 | P' _{d,C'} | 0.2533 | 2200 | 0.964 | 0.929 | | | |
| n _{1529.58} | 1529.58 | 1.589530 | P _{e,d} | 0.2385 | P' _{e,d} | 0.2364 | 2000 | 0.987 | 0.974 | | | |
| n _{1060.0} | 1060.0 | 1.595627 | P _{g,F} | 0.5446 | P' _{g,F'} | 0.4834 | 1800 | 0.994 | 0.988 | | | |
| n _t | 1013.98 | 1.596329 | P _{i,h} | 0.7712 | P' _{i,h} | 0.7645 | 1600 | 0.999 | 0.998 | | | |
| n _s | 852.11 | 1.599258 | 异常色散 Abnormal Dispersions | | | | 1400 | 0.999 | 0.998 | | | |
| n _r | 706.52 | 1.603078 | | | | | ΔP _{C,t} | -0.0042 | ΔP _{C,s} | -0.0025 | 1200 | 0.999 |
| n _C | 656.27 | 1.604895 | ΔP _{F,e} | -0.0004 | ΔP _{g,F} | -0.0026 | 1060 | 0.999 | 0.998 | | | |
| n _{C'} | 643.85 | 1.605403 | 着色度 Color Code | | | | 1000 | 0.999 | 0.998 | | | |
| n _{He-Ne} | 632.8 | 1.605878 | | | | | λ ₈₀ /λ ₅ | 350/295 | | | 950 | 0.999 |
| n _D | 589.29 | 1.607997 | λ ₇₀ /λ ₅ | | | | 900 | 0.999 | 0.998 | | | |
| n _d | 587.56 | 1.608090 | 热性质 Thermal Properties | | | | 850 | 0.999 | 0.998 | | | |
| n _e | 546.07 | 1.610598 | | | | | T _g (°C) | 509 | | | 800 | 0.999 |
| n _F | 486.13 | 1.615412 | T _s (°C) | 551 | | | 700 | 0.999 | 0.997 | | | |
| n _{F'} | 479.99 | 1.616012 | T ₁₀ ^{14.5} (°C) | 468 | | | 650 | 0.998 | 0.996 | | | |
| n _g | 435.83 | 1.621140 | T ₁₀ ¹³ (°C) | 500 | | | 600 | 0.998 | 0.996 | | | |
| n _h | 404.66 | 1.625897 | T ₁₀ ^{7.6} (°C) | 619 | | | 550 | 0.999 | 0.998 | | | |
| n _i | 365.01 | 1.634008 | α _{30/70°C} (10 ⁻⁷ /K) | 81 | | | 500 | 0.998 | 0.997 | | | |
| n _{313.18} | 313.18 | 1.650507 | α _{100/300°C} (10 ⁻⁷ /K) | 99 | | | 480 | 0.998 | 0.995 | | | |
| n _{302.15} | 302.15 | 1.655397 | λ[W/(m·K)] | | | | 460 | 0.997 | 0.993 | | | |
| 色散公式常数 Constants of Dispersion Formula | | | 化学性质 Chemical Properties | | | | 440 | 0.996 | 0.992 | | | |
| | | | | | | | 420 | 0.996 | 0.992 | | | |
| K ₁ | 7.54687333E-01 | | Grade | | | | 400 | 0.995 | 0.991 | | | |
| L ₁ | 3.15353195E-03 | | | | | | 390 | 0.993 | 0.986 | | | |
| K ₂ | 7.88729239E-01 | | D _w | 2 | | | 380 | 0.989 | 0.979 | | | |
| L ₂ | 1.62517857E-02 | | D _A | 2 | | | 370 | 0.981 | 0.963 | | | |
| K ₃ | 1.10213843E+00 | | CR | 4b | | | 360 | 0.963 | 0.927 | | | |
| L ₃ | 1.12786360E+02 | | RC(S) | 3 | | | 350 | 0.930 | 0.866 | | | |
| 折射率温度系数常数 Constants of dn/dt | | | 机械性质 Mechanical Properties | | | | 340 | 0.869 | 0.755 | | | |
| | | | | | | | 330 | 0.766 | 0.587 | | | |
| D ₀ | 6.70E-07 | | D _w | 2 | | | 320 | 0.614 | 0.377 | | | |
| D ₁ | 1.89E-08 | | D _A | 2 | | | 310 | 0.430 | 0.180 | | | |
| D ₂ | -2.68E-10 | | CR | 4b | | | 300 | 0.250 | 0.060 | | | |
| E ₀ | 2.21E-07 | | RC(S) | 3 | | | 290 | | | | | |
| E ₁ | 1.09E-09 | | RA(S) | 3 | | | 280 | | | | | |
| λ _{TK} (μm) | 0.312 | | 温度范围 (°C) | | | | H _k (10 ⁷ Pa) | | 586 | | | |
| 折射率温度系数 Temperature Coefficients of Refractive Index | | | | | | | | | dn/dt relative(10 ⁻⁶ /°C) | | | |
| Range of Temperature | | | t | C' | d | e | F' | g | E (10 ⁷ Pa) | | 9301 | |
| -60~-40 | | | | | | | | | G (10 ⁷ Pa) | | 3684 | |
| -40~-20 | | | 0.7 | 1.0 | 1.3 | 1.5 | 1.7 | 1.8 | μ | | 0.262 | |
| -20~0 | | | 1.4 | 1.7 | 1.9 | 2.0 | 2.3 | 2.8 | B (10 ⁻¹² /Pa) | | 1.83 | |
| 0~20 | | | 1.6 | 1.8 | 2.0 | 2.1 | 2.4 | 2.9 | 其他性质 Other Properties | | | |
| 20~40 | | | 1.7 | 2.0 | 2.3 | 2.3 | 2.7 | 3.0 | | | | |
| 40~60 | | | 1.8 | 2.1 | 2.3 | 2.5 | 2.9 | 3.2 | ρ (g/cm ³) | | 3.19 | |
| 60~80 | | | 1.8 | 2.2 | 2.3 | 2.5 | 3.0 | 3.3 | 备注 Remarks | | | |
| 80~100 | | | | | | | | | | | | |
| 100~120 | | | | | | | | | **：退火速率 anneal rate 25°C/h | | | |
| 120~140 | | | | | | | | | | | | |