

| QF1 | | 548459 | | $n_d = 1.54811$ | $v_d = 45.87$ | $n_F - n_C = 0.011950$ | | | | |
|---|----------------|---------|--|-----------------|------------------|------------------------------|---------------------------------------|--------------|------------------------------|-------|
| | | | | $n_e = 1.55094$ | $v_e = 45.57$ | $n_{F'} - n_{C'} = 0.012090$ | | | | |
| 折射率 Refractive Index | | | 相对部分色散 Relative Partial Dispersions | | | | 内部透射率 Internal Transmittance T | | | |
| | λ (nm) | | $P_{s,t}$ | | $P'_{s,t}$ | | λ (nm) | τ (5mm) | τ (10mm) | |
| $n_{2325.42}$ | 2325.42 | | $P_{C,s}$ | | $P'_{C',s}$ | | 2400 | 0.880 | 0.770 | |
| $n_{1970.09}$ | 1970.09 | | $P_{d,C}$ | 0.2983 | $P'_{d,C'}$ | 0.2483 | 2200 | 0.909 | 0.827 | |
| $n_{1529.58}$ | 1529.58 | | $P_{e,d}$ | 0.2370 | $P'_{e,d}$ | 0.2342 | 2000 | 0.955 | 0.912 | |
| $n_{1060.0}$ | 1060.0 | | $P_{g,F}$ | 0.5689 | $P'_{g,F'}$ | 0.5041 | 1800 | 0.981 | 0.962 | |
| n_t | 1013.98 | | $P_{i,h}$ | | $P'_{i,h}$ | | 1600 | 0.996 | 0.993 | |
| n_s | 852.11 | | 异常色散 Abnormal Dispersions | | | | 1400 | 0.998 | 0.997 | |
| n_r | 706.52 | 1.54255 | $\Delta P_{C,t}$ | | $\Delta P_{C,s}$ | | 1200 | 0.999 | 0.998 | |
| n_C | 656.27 | 1.54454 | $\Delta P_{F,e}$ | 0.0001 | $\Delta P_{g,F}$ | 0.0013 | 1060 | 0.999 | 0.998 | |
| $n_{C'}$ | 643.85 | 1.54510 | 着色度 Color Code | | | | 1000 | 0.998 | 0.997 | |
| n_{He-Ne} | 632.8 | 1.54563 | λ_{80}/λ_5 | 330/310 | | | 950 | 0.997 | 0.995 | |
| n_D | 589.29 | 1.54800 | λ_{70}/λ_5 | | | | 900 | 0.997 | 0.994 | |
| n_d | 587.56 | 1.54811 | 热性质 Thermal Properties | | | | 850 | 0.997 | 0.995 | |
| n_e | 546.07 | 1.55094 | T_g (°C) | 444 | | | 800 | 0.997 | 0.994 | |
| n_F | 486.13 | 1.55649 | T_s (°C) | 518 | | | 700 | 0.997 | 0.994 | |
| $n_{F'}$ | 479.99 | 1.55719 | $T_{10}^{14.5}$ (°C) | 384 | | | 650 | 0.997 | 0.994 | |
| n_g | 435.83 | 1.56329 | T_{10}^{13} (°C) | 430 | | | 600 | 0.997 | 0.994 | |
| n_h | 404.66 | 1.56911 | $T_{10}^{7.6}$ (°C) | 77 | | | 550 | 0.997 | 0.994 | |
| n_i | 365.01 | 1.57931 | $\alpha_{30/70^\circ C}$ (10 ⁻⁷ /K) | 93 | | | 500 | 0.996 | 0.993 | |
| $n_{313.18}$ | 313.18 | | $\alpha_{100/300^\circ C}$ (10 ⁻⁷ /K) | | | | 480 | 0.996 | 0.992 | |
| $n_{302.15}$ | 302.15 | | $\lambda[W/(m \cdot K)]$ | | | | 460 | 0.995 | 0.991 | |
| 色散公式常数 Constants of Dispersion Formula | | | 化学性质 Chemical Properties | | | | 440 | 0.995 | 0.990 | |
| A_0 | 2.3504951E+00 | | Grade | | | | 420 | 0.995 | 0.990 | |
| A_1 | -8.6857021E-03 | | D_W | 1 | | | 400 | 0.995 | 0.990 | |
| A_2 | 1.6092857E-02 | | D_A | 1 | | | 390 | 0.994 | 0.988 | |
| A_3 | 1.8705912E-04 | | CR | | | | 380 | 0.991 | 0.983 | |
| A_4 | 4.2149581E-05 | | RC(S) | 3 | | | 370 | 0.991 | 0.982 | |
| A_5 | -1.3216062E-06 | | RA(S) | 1 | | | 360 | 0.988 | 0.976 | |
| 折射率温度系数常数 Constants of dn/dt | | | 机械性质 Mechanical Properties | | | | 350 | 0.981 | 0.962 | |
| D_0 | | | Grade | | | | 340 | 0.962 | 0.925 | |
| D_1 | | | D_W | 1 | | | 330 | 0.910 | 0.828 | |
| D_2 | | | D_A | 1 | | | 320 | 0.750 | 0.560 | |
| E_0 | | | CR | | | | 310 | 0.350 | 0.120 | |
| E_1 | | | RC(S) | 3 | | | 300 | | | |
| $\lambda_{TK}(\mu m)$ | | | RA(S) | 1 | | | 290 | | | |
| 折射率温度系数 Temperature Coefficients of Refractive Index | | | 其他性质 Other Properties | | | | 280 | | | |
| 温度范围 (°C) | | | dn/dt relative(10⁻⁶/°C) | | | | 机械性质 Mechanical Properties | | | |
| Range of Temperature | | | t | C' | d | e | F' | g | H_k (10 ⁷ Pa) | 342 |
| -60~-40 | | | | | | | | | F_A | 83 |
| -40~-20 | | | | | | | | | E (10 ⁷ Pa) | 6112 |
| -20~0 | | | | | | | | | G (10 ⁷ Pa) | 2530 |
| 0~20 | | | | | | | | | μ | 0.208 |
| 20~40 | | | | | | | | | B (10 ⁻¹² /Pa) | |
| 40~60 | | | | | | | | | 其他性质 Other Properties | |
| 60~80 | | | | | | | | | ρ (g/cm ³) | 2.94 |
| 80~100 | | | | | | | | | 备注 Remarks | |
| 100~120 | | | | | | | | | | |
| 120~140 | | | | | | | | | | |