

D-ZK3A 589611			$n_d = 1.589130$		$v_d = 61.10$		$n_F - n_C = 0.009642$				
			$n_e = 1.591430$		$v_e = 60.89$		$n_{F'} - n_{C'} = 0.009713$				
折射率 Refractive Index*			相对部分色散 Relative Partial Dispersions				内部透射率 Internal Transmittance T				
	λ (nm)		$P_{s,t}$	0.3047	$P'_{s,t}$	0.3025	λ (nm)	τ (5mm)	τ (10mm)		
$n_{2325.42}$	2325.42	1.556857	$P_{C,s}$	0.5565	$P'_{C',s}$	0.6012	2400	0.812	0.659		
$n_{1970.09}$	1970.09	1.563509	$P_{d,C}$	0.3068	$P'_{d,C'}$	0.2558	2200	0.917	0.840		
$n_{1529.58}$	1529.58	1.570412	$P_{e,d}$	0.2385	$P'_{e,d}$	0.2368	2000	0.977	0.955		
$n_{1060.0}$	1060.0	1.577141	$P_{g,F}$	0.5372	$P'_{g,F'}$	0.4773	1800	0.990	0.980		
n_t	1013.98	1.577868	$P_{i,h}$	0.7542	$P'_{i,h}$	0.7487	1600	0.995	0.990		
n_s	852.11	1.580806	异常色散 Abnormal Dispersions				1400	0.991	0.981		
n_r	706.52	1.584469					$\Delta P_{C,t}$	0.0271	$\Delta P_{C,s}$	0.0103	1200
n_C	656.27	1.586172	$\Delta P_{F,e}$	-0.0017	$\Delta P_{g,F}$	-0.0044	1060	0.999	0.998		
$n_{C'}$	643.85	1.586645	着色度 Color Code				1000	0.999	0.998		
n_{He-Ne}	632.8	1.587086					λ_{80}/λ_5	340/285		950	0.999
n_D	589.29	1.589044	λ_{70}/λ_5			900	0.999	0.998			
n_d	587.56	1.589130	热性质 Thermal Properties				850	0.999	0.998		
n_e	546.07	1.591430					T_g (°C)	538		800	0.999
n_F	486.13	1.595814	T_s (°C)	571		700	0.999	0.998			
$n_{F'}$	479.99	1.596358	$T_{10}^{14.5}$ (°C)	484		650	0.999	0.998			
n_g	435.83	1.600994	T_{10}^{13} (°C)	516		600	0.999	0.998			
n_h	404.66	1.605278	$T_{10}^{7.6}$ (°C)	641		550	0.999	0.997			
n_i	365.01	1.612550	$\alpha_{30/70^\circ C}$ (10 ⁻⁷ /K)	59		500	0.998	0.996			
$n_{313.18}$	313.18	1.627247	$\alpha_{100/300^\circ C}$ (10 ⁻⁷ /K)	79		480	0.998	0.996			
$n_{302.15}$	302.15	1.631580	$\lambda[W/(m \cdot K)]$			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	6.01894946E-01		Grade	
L_1	1.49574610E-03		D_w	2		400	0.997	0.994			
K_2	8.86579018E-01		D_A	4		390	0.995	0.990			
L_2	1.42973367E-02		CR	1		380	0.993	0.986			
K_3	1.12372824E+00		RC(S)			370	0.989	0.978			
L_3	9.58496651E+01		RA(S)			360	0.981	0.962			
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.964	0.930		
							D_0	3.82E-06		H_k (10 ⁷ Pa)	547
D_1	1.69E-08		D_w	2		F_A	127		330	0.883	0.780
D_2	-5.99E-11		D_A	4		E (10 ⁷ Pa)	9212		320	0.798	0.637
E_0	2.95E-07		CR	1		G (10 ⁷ Pa)	3662		310	0.668	0.446
E_1	2.52E-10		RC(S)			μ	0.258		300	0.490	0.240
$\lambda_{TK}(\mu m)$	0.271		RA(S)			B (10 ⁻¹² /Pa)	2.40		290	0.293	0.086
折射率温度系数 Temperature Coefficients of Refractive Index			其他性质 Other Properties				ρ (g/cm ³) 3.01				
										备注 Remarks	
温度范围 (°C)			dn/dt relative(10⁻⁶/°C)				*: 退火速率 anneal rate 4°C/h				
Range of Temperature			t	C'	d	e	F'	g			
-60~-40			2.6	2.9	3.1	3.1	3.6	3.5			
-40~-20			2.9	3.3	3.6	3.6	3.8	4.0			
-20~0			3.3	3.6	3.7	3.8	4.1	4.4			
0~20			3.4	3.6	3.8	4.0	4.4	4.6			
20~40			3.5	3.8	3.9	4.1	4.4	4.8			
40~60			3.6	3.9	4.0	4.1	4.5	4.8			
60~80			3.6	3.9	4.0	4.1	4.5	4.8			
80~100			3.6	3.9	4.0	4.2	4.5	4.9			
100~120			3.6	3.9	4.1	4.3	4.5	5.0			
120~140			3.6	4.0	4.3	4.4	4.7	5.2			