

D-ZK3L			592607			n _d = 1.591700		v _d = 60.70		n _F - n _C = 0.009748	
						n _e = 1.594025		v _e = 60.49		n _{F'} - n _{C'} = 0.009821	
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}	0.3011	P' _{s,t}	0.2988	λ (nm)	τ (5mm)	τ (10mm)		
n _{2325.42}	2325.42	1.559870	P _{C,s}	0.5539	P' _{C',s}	0.5984	2400	0.849	0.720		
n _{1970.09}	1970.09	1.566305	P _{d,C}	0.3065	P' _{d,C'}	0.2556	2200	0.933	0.870		
n _{1529.58}	1529.58	1.573027	P _{e,d}	0.2385	P' _{e,d}	0.2367	2000	0.981	0.962		
n _{1060.0}	1060.0	1.579655	P _{g,F}	0.5379	P' _{g,F'}	0.4778	1800	0.992	0.985		
n _t	1013.98	1.580378	P _{i,h}	0.7550	P' _{i,h}	0.7494	1600	0.998	0.996		
n _s	852.11	1.583313	异常色散 Abnormal Dispersions				1400	0.997	0.995		
n _r	706.52	1.586995					ΔP _{C,t}	0.0227	ΔP _{C,s}	0.0086	1200
n _C	656.27	1.588712	ΔP _{F,e}	-0.0016	ΔP _{g,F}	-0.0045	1060	0.999	0.998		
n _{C'}	643.85	1.589190	着色度 Color Code				1000	0.999	0.998		
n _{He-Ne}	632.8	1.589635					λ ₈₀ /λ ₅	345/295		950	0.999
n _D	589.29	1.591613	λ ₇₀ /λ ₅			900	0.999	0.998			
n _d	587.56	1.591700	热性质 Thermal Properties				850	0.999	0.998		
n _e	546.07	1.594025					T _g (°C)	506		800	0.999
n _F	486.13	1.598460	T _s (°C)	545		700	0.999	0.998			
n _{F'}	479.99	1.599011	T ₁₀ ^{14.5} (°C)	461		650	0.998	0.997			
n _g	435.83	1.603703	T ₁₀ ¹³ (°C)	492		600	0.998	0.997			
n _h	404.66	1.608038	T ₁₀ ^{7.6} (°C)	601		550	0.998	0.997			
n _i	365.01	1.615398	α _{30/70°C} (10 ⁻⁷ /K)			500	0.998	0.996			
n _{313.18}	313.18	1.630266	α _{100/300°C} (10 ⁻⁷ /K)	92		480	0.998	0.996			
n _{302.15}	302.15	1.634647	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				440	0.996	0.993		
							Grade				
K ₁	6.38506128E-01		D _w	2		420	0.996	0.992			
L ₁	2.16674072E-03		D _A	6		400	0.994	0.989			
K ₂	8.57387558E-01		CR			390	0.992	0.985			
L ₂	1.44860621E-02		RC(S)	2		380	0.988	0.977			
K ₃	1.23664057E+00		RA(S)	3		370	0.980	0.960			
L ₃	1.07881152E+02					360	0.962	0.925			
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.928	0.861		
							H _k (10 ⁷ Pa)	643		340	0.866
D ₀	2.09E-06		D _w	2		330	0.755	0.570			
D ₁	1.33E-08		D _A	6		320	0.600	0.360			
D ₂	5.99E-11		CR			310	0.410	0.170			
E ₀	4.94E-07		RC(S)	2		300	0.220	0.050			
E ₁	2.85E-10		RA(S)	3		290					
λ _{TK} (μm)	0.176					280					
折射率温度系数 Temperature Coefficients of Refractive Index			其他性质 Other Properties				ρ (g/cm ³)		2.84		
							备注 Remarks		*: 退火速率 anneal rate 4°C/h		
温度范围 (°C)		dn/dt relative(10 ⁻⁶ /°C)									
Range of Temperature		t	C'	d	e	F'	g				
-60~-40											
-40~-20		2.6	3.3	3.5	3.6	3.7	4.4				
-20~0		2.9	3.1	3.3	3.3	3.6	4.2				
0~20		2.8	3.0	3.2	3.6	3.6	4.1				
20~40		2.9	3.0	3.2	3.7	3.7	4.2				
40~60		2.9	3.0	3.2	3.8	4.0	4.3				
60~80		2.9	3.9	4.2	4.2	4.3	4.3				
80~100											
100~120											
120~140											