

D-ZK3L-25			591606			n _d = 1.590900		v _d = 60.62		n _F - n _C = 0.009748	
						n _e = 1.593225		v _e = 60.40		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	1.559069	P _{C,s}	0.5539	P' _{C',s}	0.5984	2400	0.849	0.720		
n _{1970.09}	1970.09	1.565505	P _{d,C}	0.3065	P' _{d,C'}	0.2556	2200	0.933	0.870		
n _{1529.58}	1529.58	1.572227	P _{e,d}	0.2385	P' _{e,d}	0.2367	2000	0.981	0.962		
n _{1060.0}	1060.0	1.578855	P _{g,F}	0.5379	P' _{g,F'}	0.4778	1800	0.992	0.985		
n _t	1013.98	1.579578	P _{i,h}	0.7549	P' _{i,h}	0.7493	1600	0.998	0.996		
n _s	852.11	1.582513	异常色散 Abnormal Dispersions				1400	0.997	0.995		
n _r	706.52	1.586195					ΔP _{C,t}	0.0231	ΔP _{C,s}	0.0088	1200
n _C	656.27	1.587912	ΔP _{F,e}	-0.0016	ΔP _{g,F}	-0.0046	1060	0.999	0.998		
n _{C'}	643.85	1.588390	着色度 Color Code				1000	0.999	0.998		
n _{He-Ne}	632.8	1.588835					λ ₈₀ /λ ₅	345/295		950	0.999
n _D	589.29	1.590813	λ ₇₀ /λ ₅			900	0.999	0.998			
n _d	587.56	1.590900	热性质 Thermal Properties				850	0.999	0.998		
n _e	546.07	1.593225					T _g (°C)	506		800	0.999
n _F	486.13	1.597660	T _s (°C)	545		700	0.999	0.998			
n _{F'}	479.99	1.598211	T ₁₀ ^{14.5} (°C)	461		650	0.998	0.997			
n _g	435.83	1.602903	T ₁₀ ¹³ (°C)	492		600	0.998	0.997			
n _h	404.66	1.607239	T ₁₀ ^{7.6} (°C)	601		550	0.998	0.997			
n _i	365.01	1.614598	α _{30/70°C} (10 ⁻⁷ /K)			500	0.998	0.996			
n _{313.18}	313.18	1.629466	α _{100/300°C} (10 ⁻⁷ /K)	92		480	0.998	0.996			
n _{302.15}	302.15	1.633848	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		
							K ₁	6.36443631E-01		Grade	
L ₁	2.17371740E-03		D _w	2		400	0.994	0.989			
K ₂	8.56921557E-01		D _A	6		390	0.992	0.985			
L ₂	1.44861653E-02		CR			380	0.988	0.977			
K ₃	1.23247717E+00		RC(S)	2		370	0.980	0.960			
L ₃	1.07585666E+02		RA(S)	3		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		
							D ₀	2.09E-06		H _k (10 ⁷ Pa)	643
D ₁	1.33E-08						F _A	93			
D ₂	5.99E-11						E (10 ⁷ Pa)	9745			
E ₀	4.94E-07						G (10 ⁷ Pa)	3950			
E ₁	2.85E-10						μ	0.233			
λ _{TK} (μm)	0.176						B (10 ⁻¹² /Pa)				
折射率温度系数 Temperature Coefficients of Refractive Index							其他性质 Other Properties				
温度范围 (°C)			dn/dt relative(10 ⁻⁶ /°C)								
Range of Temperature			t	C'	d	e	F'	g		备注 Remarks	
-60~-40											
-40~-20			2.6	3.3	3.5	3.6	3.7	4.4		**: 退火速率 anneal rate 25°C/h	
-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											