

D-ZK21-25			623581		n _d = 1.623460		v _d = 58.12		n _F - n _C = 0.010728	
					n _e = 1.626018		v _e = 57.91		n _{F'} - n _{C'} = 0.010811	
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}	0.2985	P' _{s,t}	0.2962	λ (nm)	τ (5mm)	τ (10mm)	
n _{2325.42}	2325.42	1.588781	P _{C,s}	0.5512	P' _{C',s}	0.5955	2400	0.845	0.714	
n _{1970.09}	1970.09	1.595773	P _{d,C}	0.3059	P' _{d,C'}	0.2550	2200	0.956	0.913	
n _{1529.58}	1529.58	1.603071	P _{e,d}	0.2384	P' _{e,d}	0.2366	2000	0.986	0.972	
n _{1060.0}	1060.0	1.610275	P _{g,F}	0.5401	P' _{g,F'}	0.4797	1800	0.994	0.989	
n _t	1013.98	1.611063	P _{i,h}	0.7617	P' _{i,h}	0.7558	1600	0.998	0.995	
n _s	852.11	1.614265	异常色散 Abnormal Dispersions				1400	0.997	0.994	
n _r	706.52	1.618295					ΔP _{C,t}	0.0295	ΔP _{C,s}	0.0120
n _C	656.27	1.620178	ΔP _{F,e}	-0.0023	ΔP _{g,F}	-0.0066	1060	0.999	0.998	
n _{C'}	643.85	1.620703	着色度 Color Code				1000	0.999	0.998	
n _{He-Ne}	632.8	1.621192					λ ₈₀ /λ ₅	340/260		950
n _D	589.29	1.623364	λ ₇₀ /λ ₅			900	0.999	0.998		
n _d	587.56	1.623460	热性质 Thermal Properties				850	0.999	0.998	
n _e	546.07	1.626018					T _g (°C)	541		800
n _F	486.13	1.630906	T _s (°C)	572		700	0.999	0.998		
n _{F'}	479.99	1.631514	T ₁₀ ^{14.5} (°C)	487		650	0.999	0.998		
n _g	435.83	1.636700	T ₁₀ ¹³ (°C)	518		600	0.998	0.997		
n _h	404.66	1.641501	T ₁₀ ^{7.6} (°C)	636		550	0.998	0.997		
n _i	365.01	1.649672	α _{30/70°C} (10 ⁻⁷ /K)	61		500	0.998	0.997		
n _{313.18}	313.18	1.666253	α _{100/300°C} (10 ⁻⁷ /K)	84		480	0.998	0.997		
n _{302.15}	302.15	1.671156	λ[W/(m·K)]			460	0.998	0.997		
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.998	0.996	
							K ₁	1.08777542E+00		Grade
L ₁	1.43531981E-02		D _w	2		400	0.997	0.994		
K ₂	5.05694645E-01		D _A	3		390	0.996	0.993		
L ₂	-4.48862561E-04		CR	1		380	0.995	0.990		
K ₃	1.31533152E+00		RC(S)	2		370	0.991	0.983		
L ₃	1.04063333E+02		RA(S)	5		360	0.985	0.970		
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.971	0.943	
							D ₀	4.26E-06		H _k (10 ⁷ Pa)
D ₁	1.53E-08		D _w	2		340	0.949	0.900		
D ₂	-2.43E-11		D _A	3		330	0.912	0.831		
E ₀	4.86E-07		CR	1		320	0.855	0.731		
E ₁	2.51E-10		RC(S)	2		310	0.774	0.599		
λ _{TK} (μm)	0.199		RA(S)	5		300	0.673	0.453		
折射率温度系数 Temperature Coefficients of Refractive Index			其他性质 Other Properties				290	0.562	0.316	
							ρ (g/cm ³)	2.99		
温度范围 (°C)	dn/dt relative(10 ⁻⁶ /°C)						备注 Remarks			
Range of Temperature	t	C'	d	e	F'	g				
-60~-40	3.8	4.2	4.4	4.5	4.8	5.1	**:退火速率 anneal rate 25°C/h			
-40~-20	3.7	4.1	4.3	4.4	4.8	5.0				
-20~0	3.7	4.1	4.3	4.5	4.8	5.3				
0~20	3.7	4.3	4.4	4.5	4.8	5.4				
20~40	3.8	4.4	4.6	4.7	5.1	5.4				
40~60	4.1	4.6	4.7	4.9	5.2	5.7				
60~80	4.2	4.6	4.8	5.0	5.3	5.7				
80~100	4.2	4.7	4.8	5.1	5.5	5.9				
100~120	4.3	4.7	4.9	5.2	5.8	6.1				
120~140	4.3	4.9	5.1	5.2	5.8	6.1				