

D-ZK21			624582				n _d = 1.624460		v _d = 58.21		n _F - n _C = 0.010728											
					n _e = 1.627018		v _e = 58.00		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	1.589781	P _{C,s}	0.5512	P' _{C',s}	0.5955	2400	0.845	0.714													
n _{1970.09}	1970.09	1.596773	P _{d,C}	0.3059	P' _{d,C'}	0.2550	2200	0.956	0.913													
n _{1529.58}	1529.58	1.604070	P _{e,d}	0.2384	P' _{e,d}	0.2366	2000	0.986	0.972													
n _{1060.0}	1060.0	1.611275	P _{g,F}	0.5401	P' _{g,F'}	0.4797	1800	0.994	0.989													
n _t	1013.98	1.612063	P _{i,h}	0.7617	P' _{i,h}	0.7558	1600	0.998	0.995													
n _s	852.11	1.615265	异常色散 Abnormal Dispersions				1400	0.997	0.994													
n _r	706.52	1.619295					ΔP _{C,t}	0.0291	ΔP _{C,s}	0.0118	1200	0.999	0.998									
n _C	656.27	1.621178	ΔP _{F,e}	-0.0023	ΔP _{g,F}	-0.0065	1060	0.999	0.998													
n _{C'}	643.85	1.621703	着色度 Color Code				1000	0.999	0.998													
n _{He-Ne}	632.8	1.622192					λ ₈₀ /λ ₅	340/260		950	0.999	0.998										
n _D	589.29	1.624364	λ ₇₀ /λ ₅			900	0.999	0.998														
n _d	587.56	1.624460	热性质 Thermal Properties				850	0.999	0.998													
n _e	546.07	1.627018					T _g (°C)	541		800	0.999	0.998										
n _F	486.13	1.631906	T _s (°C)	572		700	0.999	0.998														
n _{F'}	479.99	1.632514	T ₁₀ ^{14.5} (°C)	487		650	0.999	0.998														
n _g	435.83	1.637700	T ₁₀ ¹³ (°C)	518		600	0.998	0.997														
n _h	404.66	1.642501	T ₁₀ ^{7.6} (°C)	636		550	0.998	0.997														
n _i	365.01	1.650672	α _{30/70°C} (10 ⁻⁷ /K)	61		500	0.998	0.997														
n _{313.18}	313.18	1.667253	α _{100/300°C} (10 ⁻⁷ /K)	84		480	0.998	0.997														
n _{302.15}	302.15	1.672156	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	1.31514915E+00		Grade		420	0.997	0.995								
							L ₁	1.03989436E+02		D _w	2		400	0.997	0.994							
							K ₂	1.08358135E+00		D _A	3		390	0.996	0.993							
							L ₂	1.43813024E-02		CR	1		380	0.995	0.990							
							K ₃	5.13108754E-01		RC(S)	2		370	0.991	0.983							
							L ₃	-3.63923910E-04		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)		635										
							D ₁	1.53E-08		F _A		126										
							D ₂	-2.43E-11		E (10 ⁷ Pa)		10618										
							E ₀	4.86E-07		G (10 ⁷ Pa)		4197										
							E ₁	2.51E-10		μ		0.265										
							λ _{TK} (μm)	0.199		B (10 ⁻¹² /Pa)		2.26										
折射率温度系数 Temperature Coefficients of Refractive Index			其他性质 Other Properties				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'
							-60~-40		3.8		4.2		4.4		4.5		4.8		5.1		*	
							-40~-20		3.7		4.1		4.3		4.4		4.8		5.0		退火速率 anneal rate 4°C/h	
							-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			