

ZBaF51			683445				n _d = 1.68273		v _d = 44.50		n _F - n _C = 0.015341												
							n _e = 1.68637		v _e = 44.23		n _{F'} - n _{C'} = 0.015519												
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}	0.2360	P' _{s,t}	0.2333	λ (nm)	τ (5mm)	τ (10mm)														
n _{2325.42}	2325.42		P _{C,s}	0.5019	P' _{C',s}	0.5426	2400	0.917	0.840														
n _{1970.09}	1970.09		P _{d,C}	0.2978	P' _{d,C'}	0.2480	2200	0.954	0.910														
n _{1529.58}	1529.58		P _{e,d}	0.2377	P' _{e,d}	0.2349	2000	0.980	0.960														
n _{1060.0}	1060.0		P _{g,F}	0.5703	P' _{g,F'}	0.5057	1800	0.990	0.981														
n _t	1013.98	1.66684	P _{i,h}		P' _{i,h}		1600	0.998	0.996														
n _s	852.11	1.67046	异常色散 Abnormal Dispersions				1400	0.999	0.998														
n _r	706.52	1.67563					ΔP _{C,t}	-0.0181	ΔP _{C,s}	-0.0050	1200	0.999	0.998										
n _C	656.27	1.67816	ΔP _{F,e}	-0.0008	ΔP _{g,F}	0.0004	1060	0.999	0.998														
n _{C'}	643.85	1.67888	着色度 Color Code				1000	0.999	0.998														
n _{He-Ne}	632.8	1.67955					λ ₈₀ /λ ₅	380/340			950	0.999	0.998										
n _D	589.29	1.68259	λ ₇₀ /λ ₅				900	0.998	0.997														
n _d	587.56	1.68273	热性质 Thermal Properties				850	0.999	0.998														
n _e	546.07	1.68637					T _g (°C)	601			800	0.998	0.997										
n _F	486.13	1.69350	T _s (°C)	655			700	0.998	0.996														
n _{F'}	479.99	1.69440	T ₁₀ ^{14.5} (°C)	566			650	0.997	0.995														
n _g	435.83	1.70225	T ₁₀ ¹³ (°C)	609			600	0.997	0.995														
n _h	404.66	1.70974	T ₁₀ ^{7.6} (°C)	78			550	0.998	0.996														
n _i	365.01	1.72299	α _{30/70°C} (10 ⁻⁷ /K)	89			500	0.997	0.995														
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)				480	0.996	0.993														
n _{302.15}	302.15		λ[W/(m·K)]				460	0.996	0.992														
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				机械性质 Mechanical Properties																
												A ₀	2.7590164E+00	Grade				H _k (10 ⁷ Pa)		464			
												A ₁	-5.8180526E-03	D _w	1			F _A		198			
												A ₂	2.6609946E-02	D _A	6			E (10 ⁷ Pa)		7832			
												A ₃	-7.5485994E-04	CR				G (10 ⁷ Pa)		3054			
												A ₄	1.7640459E-04	RC(S)	1			μ		0.282			
A ₅	-6.7271173E-06	RA(S)	3			B (10 ⁻¹² /Pa)																	
折射率温度系数常数 Constants of dn/dt			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)				ρ (g/cm ³)		4.14			
												Range of Temperature		t	C'	d	e	F'	g	备注 Remarks			
												-60~-40											
												-40~-20		0.5	1.6	1.9	2.0	2.7	3.1				
												-20~0		1.0	1.8	2.0	2.2	2.8	3.6				
												0~20		1.1	1.8	2.0	2.2	3.1	3.9				
												20~40		1.2	2.0	2.2	2.4	3.3	4.0				
												40~60		1.4	2.1	2.5	2.9	3.5	4.0				
												60~80		1.5	2.3	2.6	3.0	3.5	4.3				
80~100																							
100~120																							
120~140																							