

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				440	0.994	0.989							
							A ₀	2.7590164E+00	Grade		420	0.992	0.985			
							A ₁	-5.8180526E-03	D _w	1		400	0.984	0.968		
							A ₂	2.6609946E-02	D _A	6		390	0.974	0.948		
							A ₃	-7.5485994E-04	CR			380	0.954	0.910		
							A ₄	1.7640459E-04	RC(S)	1		370	0.911	0.830		
							A ₅	-6.7271173E-06	RA(S)	3		360	0.810	0.650		
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.600	0.360							
							D ₀	-1.51E-06	Grade		340	0.260	0.070			
							D ₁	1.79E-08	D _w	1		330				
							D ₂	-4.04E-11	D _A	6		320				
							E ₀	7.85E-07	CR			310				
							E ₁	6.90E-11	RC(S)	1		300				
							λ _{TK} (μm)	0.221	RA(S)	3		290				
折射率温度系数 Temperature Coefficients of Refractive Index			dn/dt relative(10 ⁻⁶ /°C)				其他性质 Other Properties									
温度范围 (°C)																
Range of Temperature		t	C'	d	e	F'	g	ρ (g/cm ³)		4.14						
-60~-40								备注 Remarks								
-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																