

ZF5		740282		n _d = 1.74000		v _d = 28.24		n _F - n _C = 0.026200		
				n _e = 1.74619		v _e = 28.03		n _{F'} - n _{C'} = 0.026623		
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}		P' _{s,t}		λ (nm)	τ (5mm)	τ (10mm)	
n _{2325.42}	2325.42		P _{C,s}		P' _{C',s}		2400	0.950	0.903	
n _{1970.09}	1970.09		P _{d,C}	0.2889	P' _{d,C'}	0.2401	2200	0.965	0.931	
n _{1529.58}	1529.58		P _{e,d}	0.2363	P' _{e,d}	0.2325	2000	0.980	0.960	
n _{1060.0}	1060.0		P _{g,F}	0.6015	P' _{g,F'}	0.5319	1800	0.986	0.972	
n _t	1013.98		P _{i,h}		P' _{i,h}		1600	0.992	0.984	
n _s	852.11		异常色散 Abnormal Dispersions				1400	0.999	0.998	
n _r	706.52	1.72831	ΔP _{C,t}		ΔP _{C,s}		1200	0.999	0.998	
n _C	656.27	1.73243	ΔP _{F,e}	0.0007	ΔP _{g,F}	0.0039	1060	0.999	0.998	
n _{C'}	643.85	1.73361					1000	0.999	0.998	
n _{He-Ne}	632.8	1.73472					950	0.999	0.998	
n _D	589.29	1.73977					900	0.999	0.998	
n _d	587.56	1.74000	着色度 Color Code				850	0.999	0.998	
n _e	546.07	1.74619	λ ₈₀ /λ ₅		410/350		800	0.999	0.998	
n _F	486.13	1.75863	λ ₇₀ /λ ₅				700	0.999	0.998	
n _{F'}	479.99	1.76023					650	0.999	0.998	
n _g	435.83	1.77439					600	0.999	0.998	
n _h	404.66	1.78837					550	0.999	0.998	
n _i	365.01	1.81447	热性质 Thermal Properties				500	0.998	0.997	
n _{313.18}	313.18		T _g (°C)		430		480	0.998	0.997	
n _{302.15}	302.15		T _s (°C)		460		460	0.997	0.994	
			T ₁₀ ^{14.5} (°C)				440	0.994	0.988	
			T ₁₀ ¹³ (°C)				420	0.984	0.969	
色散公式常数 Constants of Dispersion Formula			T ₁₀ ^{7.6} (°C)				400	0.956	0.914	
A ₀	2.9160432E+00		α _{30/70} (10 ⁻⁷ /K)		86		390	0.920	0.850	
A ₁	-1.0435647E-02		α _{100/300} (10 ⁻⁷ /K)		98		380	0.860	0.740	
A ₂	3.3907872E-02		λ[W/(m·K)]				370	0.730	0.540	
A ₃	2.2728802E-03						360	0.480	0.230	
A ₄	-1.3563213E-04		化学性质 Chemical Properties				350	0.150	0.020	
A ₅	1.6527592E-05						340			
			Grade				330			
折射率温度系数常数 Constants of dn/dt			D _w		1		320			
D ₀			D _A		2		310			
D ₁			CR				300			
D ₂			RC(S)		1		290			
E ₀			RA(S)		2		280			
E ₁										
λ _{TK} (μm)										
			机械性质 Mechanical Properties							
折射率温度系数 Temperature Coefficients of Refractive Index							H _k (10 ⁷ Pa)		390	
温度范围 (°C)		dn/dt relative(10⁻⁶/°C)							F _A	
Range of Temperature		t	C'	d	e	F'	g	E (10 ⁷ Pa)		
-60~-40								G (10 ⁷ Pa)		
-40~-20								μ		
-20~0								B (10 ⁻¹² /Pa)		
0~20										
20~40								其他性质 Other Properties		
40~60								ρ (g/cm ³)		
60~80								4.65		
80~100										
100~120								备注 Remarks		
120~140										