

ZF4			728283				n _d = 1.72825		v _d = 28.32		n _F - n _C = 0.025716					
							n _e = 1.73432		v _e = 28.10		n _{F'} - n _{C'} = 0.026133					
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}	0.2170	P' _{s,t}	0.2135	λ (nm)	τ (5mm)	τ (10mm)							
n _{2325.42}	2325.42		P _{C,s}	0.4666	P' _{C',s}	0.5036	2400	0.939	0.881							
n _{1970.09}	1970.09		P _{d,C}	0.2890	P' _{d,C'}	0.2401	2200	0.958	0.918							
n _{1529.58}	1529.58		P _{e,d}	0.2361	P' _{e,d}	0.2323	2000	0.979	0.958							
n _{1060.0}	1060.0		P _{g,F}	0.6038	P' _{g,F'}	0.5341	1800	0.989	0.978							
n _t	1013.98	1.70324	P _{i,h}		P' _{i,h}		1600	0.999	0.998							
n _s	852.11	1.70882	异常色散 Abnormal Dispersions				1400	0.999	0.998							
n _r	706.52	1.71679					ΔP _{C,t}	0.0040	ΔP _{C,s}	-0.0020	1200	0.999	0.998			
n _C	656.27	1.72082	ΔP _{F,e}	0.0008	ΔP _{g,F}	0.0064	1060	0.999	0.998							
n _{C'}	643.85	1.72198	着色度 Color Code				1000	0.999	0.998							
n _{He-Ne}	632.8	1.72307					λ ₈₀ /λ ₅	405/345		950	0.999	0.998				
n _D	589.29	1.72803	λ ₇₀ /λ ₅			900	0.999	0.998								
n _d	587.56	1.72825	热性质 Thermal Properties				850	0.999	0.998							
n _e	546.07	1.73432					T _g (°C)	407		800	0.999	0.998				
n _F	486.13	1.74654	T _s (°C)	454		700	0.998	0.997								
n _{F'}	479.99	1.74811	T ₁₀ ^{14.5} (°C)	364		650	0.998	0.997								
n _g	435.83	1.76207	T ₁₀ ¹³ (°C)	398		600	0.998	0.996								
n _h	404.66	1.77601	T ₁₀ ^{7.6} (°C)	96		550	0.997	0.995								
n _i	365.01		α _{30/70°C} (10 ⁻⁷ /K)	111		500	0.995	0.991								
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)			480	0.993	0.986								
n _{302.15}	302.15		λ[W/(m·K)]			460	0.989	0.979								
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.984	0.968							
							A ₀	2.8923490E+00	Grade		420	0.974	0.949			
							A ₁	-1.7933942E-02	D _w	1		400	0.951	0.904		
							A ₂	2.3009472E-02	D _A	6		390	0.930	0.864		
							A ₃	5.6390617E-03	CR	1		380	0.890	0.800		
							A ₄	-6.9815495E-04	RC(S)	3		370	0.840	0.700		
							A ₅	5.2528998E-05	RA(S)	3		360	0.690	0.480		
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.400	0.160							
							D ₀	-3.94E-06	Grade		340					
							D ₁	1.20E-08	D _w	1		330				
							D ₂	-6.11E-11	D _A	6		320				
							E ₀	8.57E-07	CR	1		310				
							E ₁	1.51E-09	RC(S)	3		300				
							λ _{TK} (μm)	0.293	RA(S)	3		290				
折射率温度系数 Temperature Coefficients of Refractive Index			其他性质 Other Properties				H _k (10 ⁷ Pa)		366							
温度范围 (°C)		dn/dt relative(10 ⁻⁶ /°C)						F _A		135						
Range of Temperature		t	C'	d	e	F'	g	E (10 ⁷ Pa)		5295						
-60~-40								G (10 ⁷ Pa)		2126						
-40~-20		0.0	0.2	0.4	1.1	1.5	2.8	μ		0.245						
-20~0		0.0	0.4	0.7	1.2	2.5	4.0	B (10 ⁻¹² /Pa)		1.67						
0~20		-0.1	0.8	1.1	1.5	2.5	4.2	备注 Remarks								
20~40		-0.2	1.1	1.4	1.9	2.8	4.2									
40~60		-0.3	1.0	1.4	2.0	3.2	4.7									
60~80		-0.1	1.1	1.8	2.1	3.6	5.4									
80~100																
100~120																
120~140																