

ZF10			689312			n _d = 1.68893		v _d = 31.18		n _F - n _C = 0.022098	
						n _e = 1.69416		v _e = 30.95		n _{F'} - n _{C'} = 0.022432	
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}	0.2163	P' _{s,t}	0.2131	λ (nm)	τ (5mm)	τ (10mm)		
n _{2325.42}	2325.42		P _{C,s}	0.4743	P' _{C',s}	0.5122	2400	0.954	0.911		
n _{1970.09}	1970.09		P _{d,C}	0.2909	P' _{d,C'}	0.2418	2200	0.963	0.928		
n _{1529.58}	1529.58		P _{e,d}	0.2365	P' _{e,d}	0.2330	2000	0.983	0.966		
n _{1060.0}	1060.0		P _{g,F}	0.5924	P' _{g,F'}	0.5238	1800	0.990	0.980		
n _t	1013.98	1.66724	P _{i,h}		P' _{i,h}		1600	0.997	0.994		
n _s	852.11	1.67202	异常色散 Abnormal Dispersions				1400	0.998	0.997		
n _r	706.52	1.67899	ΔP _{C,t}	-0.0026	ΔP _{C,s}	-0.0012	1200	0.999	0.998		
n _C	656.27	1.68250	ΔP _{F,e}	0.0000	ΔP _{g,F}	-0.0002	1060	0.999	0.998		
n _{C'}	643.85	1.68351	着色度 Color Code				1000	0.998	0.997		
n _{He-Ne}	632.8	1.68445	λ ₈₀ /λ ₅		390/340		950	0.998	0.997		
n _D	589.29	1.68874	λ ₇₀ /λ ₅				900	0.998	0.997		
n _d	587.56	1.68893	热性质 Thermal Properties				850	0.998	0.996		
n _e	546.07	1.69416	T _g (°C)		430		800	0.997	0.995		
n _F	486.13	1.70460	T _s (°C)		495		700	0.997	0.994		
n _{F'}	479.99	1.70594	T ₁₀ ^{14.5} (°C)		383		650	0.996	0.993		
n _g	435.83	1.71769	T ₁₀ ¹³ (°C)		422		600	0.996	0.993		
n _h	404.66	1.72917	T ₁₀ ^{7.6} (°C)		594		550	0.996	0.993		
n _i	365.01	1.75034	α _{30/70°C} (10 ⁻⁷ /K)		76		500	0.994	0.989		
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)		92		480	0.993	0.987		
n _{302.15}	302.15		λ[W/(m·K)]				460	0.991	0.983		
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.989	0.978		
A ₀	2.7592905E+00		Grade				420	0.985	0.970		
A ₁	-9.2045583E-03		D _w				400	0.974	0.948		
A ₂	2.9316434E-02		D _A				390	0.961	0.923		
A ₃	1.4874080E-03		CR				380	0.940	0.883		
A ₄	-7.0522349E-05		RC(S)				370	0.900	0.810		
A ₅	9.9538848E-06		RA(S)				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	0.610	0.370		
D ₀	4.02E-06		Grade				340	0.240	0.060		
D ₁	3.02E-08		D _w				330				
D ₂	-2.40E-10		D _A				320				
E ₀	1.33E-06		CR				310				
E ₁	-1.33E-10		RC(S)				300				
λ _{TK} (μm)	0.247		RA(S)				290				
折射率温度系数 Temperature Coefficients of Refractive Index			其他性质 Other Properties				280				
温度范围 (°C)			dn/dt relative(10⁻⁶/°C)				H_k (10⁷Pa)		376		
Range of Temperature			t	C'	d	e	F'	g	F_A		87
-60~-40									E (10⁷Pa)		5562
-40~-20			0.1	1.4	1.9	2.2	3.4	5.2	G (10⁷Pa)		2216
-20~0			1.3	3.0	3.4	3.9	5.6	7.0	μ		0.230
0~20			2.8	4.2	4.6	5.2	6.2	7.8	B (10⁻¹²/Pa)		
20~40			3.1	4.5	5.0	5.6	6.6	8.1			
40~60			3.4	4.7	5.3	5.9	7.2	8.6			
60~80			3.7	5.2	5.7	6.2	7.7	9.6			
80~100											
100~120											
120~140											
			备注 Remarks								