

ZF51		785261		n _d = 1.78470		v _d = 26.08		n _F - n _C = 0.030092			
				n _e = 1.79180		v _e = 25.87		n _{F'} - n _{C'} = 0.030602			
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}	0.2037	P' _{s,t}	0.2003	λ (nm)	τ (5mm)	τ (10mm)		
n _{2325.42}	2325.42		P _{C,s}	0.4579	P' _{C',s}	0.4941	2400	0.955	0.912		
n _{1970.09}	1970.09		P _{d,C}	0.2875	P' _{d,C'}	0.2388	2200	0.970	0.940		
n _{1529.58}	1529.58		P _{e,d}	0.2359	P' _{e,d}	0.2319	2000	0.984	0.969		
n _{1060.0}	1060.0		P _{g,F}	0.6065	P' _{g,F'}	0.5356	1800	0.991	0.983		
n _t	1013.98	1.75614	P _{i,h}		P' _{i,h}		1600	0.997	0.995		
n _s	852.11	1.76227	异常色散 Abnormal Dispersions				1400	0.999	0.998		
n _r	706.52	1.77137	ΔP _{C,t}	-0.0075	ΔP _{C,s}	-0.0054	1200	0.999	0.998		
n _C	656.27	1.77605	ΔP _{F,e}	0.0013	ΔP _{g,F}	0.0052	1060	0.999	0.998		
n _{C'}	643.85	1.77739	着色度 Color Code				1000	0.999	0.998		
n _{He-Ne}	632.8	1.77866	λ ₈₀ /λ ₅		420/360		950	0.999	0.998		
n _D	589.29	1.78444	λ ₇₀ /λ ₅				900	0.999	0.998		
n _d	587.56	1.78470	热性质 Thermal Properties				850	0.999	0.998		
n _e	546.07	1.79180	T _g (°C)		416		800	0.998	0.997		
n _F	486.13	1.80614	T _s (°C)		450		700	0.998	0.996		
n _{F'}	479.99	1.80800	T ₁₀ ^{14.5} (°C)		361		650	0.997	0.994		
n _g	435.83	1.82439	T ₁₀ ¹³ (°C)		393		600	0.997	0.994		
n _h	404.66	1.84067	T ₁₀ ^{7.6} (°C)		541		550	0.996	0.993		
n _i	365.01		α _{30/70°C} (10 ⁻⁷ /K)		82		500	0.993	0.987		
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)		102		480	0.990	0.981		
n _{302.15}	302.15		λ[W/(m·K)]				460	0.986	0.972		
色散公式常数 Constants of Dispersion Formula							440	0.978	0.957		
A ₀	3.0618708E+00						420	0.961	0.923		
A ₁	-1.3873356E-02						400	0.910	0.829		
A ₂	3.2985222E-02						390	0.850	0.730		
A ₃	5.0714158E-03						380	0.760	0.580		
A ₄	-5.3860663E-04						370	0.570	0.330		
A ₅	4.3608925E-05						360	0.260	0.070		
折射率温度系数常数 Constants of dn/dt			化学性质 Chemical Properties				350				
D ₀	3.80E-06		Grade				340				
D ₁	2.76E-08		D _w				330				
D ₂	-6.03E-11		D _A				320				
E ₀	1.60E-06		CR				310				
E ₁	1.02E-09		RC(S)				300				
λ _{TK} (μm)	0.279		RA(S)				290				
							280				
							机械性质 Mechanical Properties				
折射率温度系数 Temperature Coefficients of Refractive Index							H _k (10 ⁷ Pa)		354		
温度范围 (°C)		dn/dt relative(10⁻⁶/°C)							F _A		162
Range of Temperature		t	C'	d	e	F'	g	E (10 ⁷ Pa)		5596	
-60~-40								G (10 ⁷ Pa)		2245	
-40~-20		3.5	5.6	6.0	6.6	8.3	11.3	μ		0.247	
-20~0		4.4	6.3	7.5	7.9	9.9	12.1	B (10 ⁻¹² /Pa)		0.92	
0~20		4.5	6.3	7.5	7.9	10.2	13.1	其他性质 Other Properties			
20~40		5.0	6.6	7.8	8.8	11.3	13.5	ρ (g/cm ³)		4.99	
40~60		5.6	7.5	8.4	9.2	11.9	14.1	备注 Remarks			
60~80		6.2	7.9	9.0	9.7	12.4	14.5				
80~100											
100~120											
120~140											