

ZF7		806254		n _d = 1.80627		v _d = 25.37		n _F - n _C = 0.031780		
				n _e = 1.81377		v _e = 25.18		n _{F'} - n _{C'} = 0.032313		
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}	0.2017	P' _{s,t}	0.1984	λ (nm)	τ (5mm)	τ (10mm)	
n _{2325.42}	2325.42		P _{C,s}	0.4578	P' _{C',s}	0.4939	2400	0.958	0.918	
n _{1970.09}	1970.09		P _{d,C}	0.2867	P' _{d,C'}	0.2383	2200	0.974	0.948	
n _{1529.58}	1529.58		P _{e,d}	0.2360	P' _{e,d}	0.2321	2000	0.987	0.975	
n _{1060.0}	1060.0		P _{g,F}	0.6098	P' _{g,F'}	0.5394	1800	0.994	0.988	
n _t	1013.98	1.77620	P _{i,h}		P' _{i,h}		1600	0.999	0.998	
n _s	852.11	1.78261	异常色散 Abnormal Dispersions				1400	0.999	0.998	
n _r	706.52	1.79223	ΔP _{C,t}	-0.0062	ΔP _{C,s}	-0.0039	1200	0.999	0.998	
n _C	656.27	1.79716	ΔP _{F,e}	0.0017	ΔP _{g,F}	0.0073	1060	0.999	0.998	
n _{C'}	643.85	1.79857	着色度 Color Code				1000	0.999	0.998	
n _{He-Ne}	632.8	1.79991	λ ₈₀ /λ ₅		425/360		950	0.999	0.998	
n _D	589.29	1.80600	λ ₇₀ /λ ₅				900	0.999	0.998	
n _d	587.56	1.80627	热性质 Thermal Properties				850	0.999	0.998	
n _e	546.07	1.81377	T _g (°C)		430		800	0.998	0.997	
n _F	486.13	1.82894	T _s (°C)		467		700	0.998	0.996	
n _{F'}	479.99	1.83089	T ₁₀ ^{14.5} (°C)		392		650	0.997	0.995	
n _g	435.83	1.84832	T ₁₀ ¹³ (°C)		423		600	0.997	0.995	
n _h	404.66	1.86567	T ₁₀ ^{7.6} (°C)		549		550	0.997	0.994	
n _i	365.01	1.89857	α _{30/70°C} (10 ⁻⁷ /K)		79		500	0.995	0.990	
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)		90		480	0.992	0.984	
n _{302.15}	302.15		λ[W/(m·K)]				460	0.988	0.976	
色散公式常数 Constants of Dispersion Formula							440	0.980	0.961	
A ₀	3.1221966E+00						420	0.963	0.927	
A ₁	-1.0649791E-02						400	0.916	0.839	
A ₂	4.2191871E-02						390	0.870	0.750	
A ₃	2.8937660E-03						380	0.780	0.610	
A ₄	-1.6523594E-04						370	0.610	0.370	
A ₅	2.3291810E-05						360	0.300	0.090	
折射率温度系数常数 Constants of dn/dt			化学性质 Chemical Properties				350			
D ₀			Grade				340			
D ₁			D _w				330			
D ₂			D _A				320			
E ₀			CR				310			
E ₁			RC(S)				300			
λ _{TK} (μm)			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)	361		
温度范围 (°C)		dn/dt relative(10⁻⁶/°C)						F _A	143	
Range of Temperature		t	C'	d	e	F'	g	E (10 ⁷ Pa)	5451	
-60~-40								G (10 ⁷ Pa)	2187	
-40~-20		4.2	6.2	7.2	8.2	10.1	12.7	μ	0.246	
-20~0		4.1	6.5	7.2	8.4	10.2	13.3	B (10 ⁻¹² /Pa)	0.64	
0~20		5.3	7.6	8.3	9.2	11.9	14.7	其他性质 Other Properties		
20~40		5.8	7.8	8.6	9.5	12.3	15.0	ρ (g/cm ³)	5.19	
40~60		5.9	8.6	9.4	10.1	12.9	15.3	备注 Remarks		
60~80		7.7	10.2	11.1	13.0	15.2	17.6			
80~100										
100~120										
120~140										