

F4			620364		n _d = 1.62005		ν _d = 36.35		n _F - n _C = 0.017060	
					n _e = 1.62408		ν _e = 36.09		n _{F'} - n _{C'} = 0.017291	
折射率 Refractive Index			相对部分色散 Relative Partial Dispersions				内部透过率 Internal Transmittance τ			
	λ (nm)		P _{s,t}	0.2298	P' _{s,t}	0.2267	λ (nm)	τ (5mm)	τ (10mm)	
n _{2325.42}	2325.42		P _{C,s}	0.4877	P' _{C',s}	0.5263	2400	0.890	0.790	
n _{1970.09}	1970.09		P _{d,C}	0.2938	P' _{d,C'}	0.2443	2200	0.918	0.842	
n _{1529.58}	1529.58		P _{e,d}	0.2365	P' _{e,d}	0.2334	2000	0.958	0.917	
n _{1060.0}	1060.0		P _{g,F}	0.5837	P' _{g,F'}	0.5170	1800	0.980	0.961	
n _t	1013.98	1.60280	P _{i,h}		P' _{i,h}		1600	0.996	0.992	
n _s	852.11	1.60672					1400	0.997	0.995	
n _r	706.52	1.61228	异常色散 Abnormal Dispersions				1200	0.999	0.998	
n _C	656.27	1.61504	ΔP _{C,t}	0.0000	ΔP _{C,s}	0.0000	1060	0.999	0.999	
n _{C'}	643.85	1.61582	ΔP _{F,e}	0.0000	ΔP _{g,F}	0.0000	1000	0.999	0.999	
n _{He-Ne}	632.8	1.61656					950	0.999	0.999	
n _D	589.29	1.61990					900	0.999	0.998	
n _d	587.56	1.62005	着色度 Color Code				850	0.999	0.998	
n _e	546.07	1.62408	λ ₈₀ /λ ₅		350/320		800	0.997	0.994	
n _F	486.13	1.63210	λ ₇₀ /λ ₅				700	0.997	0.994	
n _{F'}	479.99	1.63312					650	0.997	0.994	
n _g	435.83	1.64205					600	0.997	0.994	
n _h	404.66	1.65068					550	0.997	0.994	
n _i	365.01	1.66629	热性质 Thermal Properties				500	0.996	0.993	
n _{313.18}	313.18		T _g (°C)		417		480	0.996	0.992	
n _{302.15}	302.15		T _s (°C)		470		460	0.995	0.991	
			T ₁₀ ^{14.5} (°C)		364		440	0.994	0.989	
			T ₁₀ ¹³ (°C)		402		420	0.994	0.988	
色散公式常数 Constants of Dispersion Formula			T ₁₀ ^{7.6} (°C)		562		400	0.992	0.985	
A ₀	2.5544667E+00		α _{30/70℃} (10 ⁻⁷ /K)		91		390	0.990	0.980	
A ₁	-8.4784780E-03		α _{100/300℃} (10 ⁻⁷ /K)		114		380	0.985	0.970	
A ₂	2.3283289E-02		λ[W/(m·K)]				370	0.979	0.959	
A ₃	5.8380948E-04						360	0.965	0.931	
A ₄	2.1963001E-05						350	0.931	0.867	
A ₅	1.9653771E-06		化学性质 Chemical Properties				340	0.840	0.710	
					Grade		330	0.600	0.360	
折射率温度系数常数 Constants of dn/dt			D _W		1		320	0.160	0.030	
D ₀	-2.90E-06		D _A		2		310			
D ₁	2.24E-08		CR		1		300			
D ₂	-2.95E-11		RC(S)		3		290			
E ₀	9.73E-07		RA(S)		2		280			
E ₁	8.74E-10									
λ _{TK} (μm)	0.246									
折射率温度系数 Temperature Coefficients of Refractive Index							机械性质 Mechanical Properties			
温度范围 (°C) Range of Temperature		dn/dt relative(10 ⁻⁶ /°C)					H _K (10 ⁷ Pa)		381	
		t	C'	d	e	F'	g	F _A		86
-60~-40								E (10 ⁷ Pa)		5854
-40~-20		-0.2	0.9	0.9	1.5	2.5	3.1	G (10 ⁷ Pa)		2375
-20~0		0.3	1.0	1.6	1.6	2.5	3.5	μ		0.232
0~20		0.3	1.3	1.6	1.6	2.5	3.6	B (10 ⁻¹² /Pa)		2.36
20~40		0.9	1.6	1.9	2.5	3.2	4.2			
40~60		1.9	1.7	2.0	2.7	3.6	4.5	其他性质 Other Properties		
60~80		1.0	2.0	2.6	2.8	3.7	4.8	ρ (g/cm ³)		3.57
80~100										
100~120								备注 Remarks		
120~140										