

H-K51			523586		n _d = 1.523070		ν _d = 58.64		n _F - n _C = 0.008920	
					n _e = 1.525196		ν _e = 58.37		n _{F'} - n _{C'} = 0.008998	
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}	0.2812	P' _{s,t}	0.2787	λ (nm)	τ (5mm)	τ (10mm)	
n _{2325.42}	2325.42	1.497135	P _{C,s}	0.5371	P' _{C',s}	0.5804	2400	0.908	0.825	
n _{1970.09}	1970.09	1.501990	P _{d,C}	0.3038	P' _{d,C'}	0.2533	2200	0.924	0.853	
n _{1529.58}	1529.58	1.507145	P _{e,d}	0.2383	P' _{e,d}	0.2363	2000	0.967	0.935	
n _{1060.0}	1060.0	1.512456	P _{g,F}	0.5452	P' _{g,F'}	0.4839	1800	0.985	0.971	
n _t	1013.98	1.513061	P _{i,h}	0.7717	P' _{i,h}	0.7651	1600	0.998	0.997	
n _s	852.11	1.515569	异常色散 Abnormal Dispersions				1400	0.998	0.997	
n _r	706.52	1.518818					ΔP _{C,t}	-0.0043	ΔP _{C,s}	-0.0033
n _C	656.27	1.520360	ΔP _{F,e}	0.0002	ΔP _{g,F}	-0.0007	1060	0.999	0.998	
n _{C'}	643.85	1.520791					1000	0.999	0.998	
n _{He-Ne}	632.8	1.521194					950	0.999	0.998	
n _D	589.29	1.522991					900	0.999	0.998	
n _d	587.56	1.523070	着色度 Color Code				850	0.998	0.997	
n _e	546.07	1.525196					λ ₈₀ /λ ₅	345/310		800
n _F	486.13	1.529280	λ ₇₀ /λ ₅			700	0.998	0.996		
n _{F'}	479.99	1.529789					650	0.997	0.995	
n _g	435.83	1.534143					600	0.997	0.996	
n _h	404.66	1.538182					550	0.997	0.996	
n _i	365.01	1.545066	热性质 Thermal Properties				500	0.997	0.996	
n _{313.18}	313.18						T _g (°C)	558		480
n _{302.15}	302.15		T _s (°C)	610		460	0.997	0.995		
			T ₁₀ ^{14.5} (°C)	504		440	0.997	0.994		
色散公式常数 Constants of Dispersion Formula			T ₁₀ ¹³ (°C)	547		420	0.997	0.994		
			T ₁₀ ^{7.6} (°C)	735		400	0.997	0.994		
K ₁	9.60161808E-01		α _{-30/70℃} (10 ⁻⁷ /K)	80		390	0.994	0.989		
L ₁	1.16242480E+02		α _{100/300℃} (10 ⁻⁷ /K)	99		380	0.990	0.981		
K ₂	1.18368963E+00		λ[W/(m·K)]	0.905		370	0.986	0.972		
L ₂	1.18029997E-02		c _p [J/(g·K)]	0.707		360	0.973	0.947		
K ₃	1.02338243E-01						350	0.946	0.895	
L ₃	-1.89575777E-02		化学性质 Chemical Properties				340	0.880	0.780	
							Grade		330	0.750
折射率温度系数常数 Constants of dn/dt			D _W	2		320	0.470	0.220		
			D _A	1		310	0.140	0.020		
D ₀	-7.23E-07		CR	2		300				
D ₁	1.38E-08		RC(S)	2		290				
D ₂	-8.37E-11		RA(S)	1		280				
E ₀	5.74E-07									
E ₁	1.43E-09									
λ _{TK} (μm)	0.169									
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)		541	
							F _A		82	
		t	C'	d	e	F'	g	E (10 ⁷ Pa)		
-60~-40								7411		
-40~-20		0.9	1.0	1.3	1.8	1.8	2.1	3030		
-20~0		1.2	1.8	1.9	1.9	2.2	2.6	μ		
0~20		1.4	1.5	1.7	1.8	1.9	2.4	B (10 ⁻¹² /Pa)		
20~40		1.3	1.9	2.0	2.1	2.4	2.7	2.60		
40~60		1.2	1.9	2.0	2.0	2.8	3.0			
60~80		1.3	1.7	1.9	2.3	2.7	2.9	其他性质 Other Properties		
80~100								ρ (g/cm ³)		
100~120								2.53		
120~140										
								备注 Remarks		