

H-LaF54			800422		n _d = 1.79952		v _d = 42.24		n _F - n _C = 0.018927		
					n _e = 1.80401		v _e = 42.00		n _{F'} - n _{C'} = 0.019145		
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}	0.2446	P' _{s,t}	0.2418	λ (nm)	τ (5mm)	τ (10mm)		
n _{2325.42}	2325.42		P _{C,s}	0.5077	P' _{C',s}	0.5484	2400	0.850	0.730		
n _{1970.09}	1970.09		P _{d,C}	0.2983	P' _{d,C'}	0.2486	2200	0.960	0.921		
n _{1529.58}	1529.58		P _{e,d}	0.2372	P' _{e,d}	0.2345	2000	0.984	0.969		
n _{1060.0}	1060.0		P _{g,F}	0.5674	P' _{g,F'}	0.5030	1800	0.995	0.990		
n _t	1013.98	1.77963	P _{i,h}		P' _{i,h}		1600	0.998	0.996		
n _s	852.11	1.78426	异常色散 Abnormal Dispersions				1400	0.999	0.998		
n _r	706.52	1.79072	ΔP _{C,t}	0.0071	ΔP _{C,s}	0.0061	1200	0.999	0.998		
n _C	656.27	1.79387	ΔP _{F,e}	-0.0021	ΔP _{g,F}	-0.0064	1060	0.998	0.997		
n _{C'}	643.85	1.79476	着色度 Color Code				1000	0.998	0.997		
n _{He-Ne}	632.8	1.79560	λ ₈₀ /λ ₅		395/335		950	0.998	0.996		
n _D	589.29	1.79935	λ ₇₀ /λ ₅				900	0.998	0.996		
n _d	587.56	1.79952	热性质 Thermal Properties				850	0.998	0.996		
n _e	546.07	1.80401	T _g (°C)		602		800	0.998	0.997		
n _F	486.13	1.81280	T _s (°C)		630		700	0.998	0.997		
n _{F'}	479.99	1.81391	T ₁₀ ^{14.5} (°C)		559		650	0.998	0.997		
n _g	435.83	1.82354	T ₁₀ ¹³ (°C)		587		600	0.998	0.996		
n _h	404.66	1.83270	T ₁₀ ^{7.6} (°C)		687		550	0.997	0.995		
n _i	365.01	1.84881	α _{30/70°C} (10 ⁻⁷ /K)		57		500	0.997	0.994		
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)		70		480	0.996	0.993		
n _{302.15}	302.15		λ[W/(m·K)]				460	0.995	0.991		
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.992	0.985		
A ₀	3.1447020E+00		Grade				420	0.987	0.974		
A ₁	-1.0105906E-02		D _w				400	0.974	0.949		
A ₂	3.4309697E-02		D _A				390	0.961	0.924		
A ₃	-8.3312791E-04		CR				380	0.949	0.900		
A ₄	2.1700843E-04		RC(S)				370	0.900	0.810		
A ₅	-8.7014790E-06		RA(S)				360	0.820	0.680		
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.680	0.460		
D ₀	6.31E-06		Grade				340	0.380	0.150		
D ₁	2.13E-08		D _w				330	0.080	0.010		
D ₂	9.75E-11		D _A				320				
E ₀	1.02E-06		CR				310				
E ₁	2.29E-10		RC(S)				300				
λ _{TK} (μm)	0.077		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 (10 ⁷ Pa)				698			
Range of Temperature		t	C'	d	e	F'	g	F _A		104	
-60~-40								E (10 ⁷ Pa)		11076	
-40~-20		6.0	7.0	7.3	7.6	8.1	9.1	G (10 ⁷ Pa)		4249	
-20~0		6.0	7.0	7.2	7.4	8.7	9.1	μ		0.303	
0~20		5.9	7.1	7.2	7.7	8.4	9.1	B (10 ⁻¹² /Pa)		2.16	
20~40		6.2	7.3	8.0	8.2	8.5	9.3	备注 Remarks			
40~60		6.8	7.5	8.5	8.7	9.3	10.0	ρ (g/cm ³)			
60~80		7.4	8.1	8.6	9.1	9.9	11.1	4.51			
80~100											
100~120											
120~140											