

H-LaF3B			744449		n _d = 1.744000		v _d = 44.90		n _F - n _C = 0.016570	
					n _e = 1.747939		v _e = 44.62		n _{F'} - n _{C'} = 0.016764	
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}	0.2406	P' _{s,t}	0.2378	λ (nm)	τ (5mm)	τ (10mm)	
n _{2325.42}	2325.42	1.707722	P _{C,s}	0.5022	P' _{C',s}	0.5428	2400	0.902	0.814	
n _{1970.09}	1970.09	1.712946	P _{d,C}	0.2976	P' _{d,C'}	0.2479	2200	0.957	0.915	
n _{1529.58}	1529.58	1.718814	P _{e,d}	0.2377	P' _{e,d}	0.2350	2000	0.960	0.921	
n _{1060.0}	1060.0	1.725853	P _{g,F}	0.5651	P' _{g,F'}	0.5007	1800	0.990	0.980	
n _t	1013.98	1.726759	P _{i,h}	0.8383	P' _{i,h}	0.8286	1600	0.997	0.994	
n _s	852.11	1.730746	异常色散 Abnormal Dispersions				1400	0.998	0.996	
n _r	706.52	1.736320					ΔP _{C,t}	-0.0150	ΔP _{C,s}	-0.0057
n _C	656.27	1.739068	ΔP _{F,e}	-0.0005	ΔP _{g,F}	-0.0041	1060	0.999	0.998	
n _{C'}	643.85	1.739845	着色度 Color Code				1000	0.999	0.998	
n _{He-Ne}	632.8	1.740574					λ ₈₀ /λ ₅	380/335		950
n _D	589.29	1.743854	λ ₇₀ /λ ₅			900	0.999	0.998		
n _d	587.56	1.744000	热性质 Thermal Properties				850	0.999	0.998	
n _e	546.07	1.747939					T _g (°C)	618		800
n _F	486.13	1.755638	T _s (°C)	680		700	0.998	0.997		
n _{F'}	479.99	1.756609	T ₁₀ ^{14.5} (°C)	582		650	0.998	0.997		
n _g	435.83	1.765002	T ₁₀ ¹³ (°C)	616		600	0.999	0.998		
n _h	404.66	1.772941	T ₁₀ ^{7.6} (°C)	751		550	0.999	0.999		
n _i	365.01	1.786832	α _{30/70} (10 ⁻⁷ /K)	80		500	0.998	0.997		
n _{313.18}	313.18		α _{100/300} (10 ⁻⁷ /K)	97		480	0.998	0.997		
n _{302.15}	302.15		λ[W/(m·K)]			460	0.997	0.995		
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.996	0.992	
							K ₁	1.66486969E+00		Grade
L ₁	8.95646712E-03		D _w	1		400	0.986	0.973		
K ₂	3.01622480E-01		D _A	3		390	0.978	0.957		
L ₂	3.50299695E-02		CR	1		380	0.961	0.923		
K ₃	1.19738880E+00		RC(S)	1		370	0.923	0.852		
L ₃	1.23334438E+02		RA(S)	3		360	0.843	0.710		
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.671	0.450	
							D ₀	-3.14E-06		H _k (10 ⁷ Pa)
D ₁	1.29E-08		Grade				330			
D ₂	-3.08E-11						D _w	1		320
E ₀	6.91E-07		D _A	3		310				
E ₁	5.97E-10		CR	1		300				
λ _{TK} (μm)	0.223		RC(S)	1		290				
折射率温度系数 Temperature Coefficients of Refractive Index			dn/dt relative(10 ⁻⁶ /°C)				280			
							RA(S)	3		其他性质 Other Properties
温度范围 (°C)							H _k (10 ⁷ Pa)	568		
Range of Temperature	t	C'	d	e	F'	g	F _A	182		
-60~-40	-0.1	0.5	0.7	0.9	1.5	2.0	E (10 ⁷ Pa)	9781		
-40~-20	-0.1	0.5	0.7	0.9	1.5	2.2	G (10 ⁷ Pa)	3780		
-20~0	0.0	0.8	1.1	1.3	2.0	2.6	μ	0.294		
0~20	0.2	0.9	1.2	1.7	2.1	2.7	B (10 ⁻¹² /Pa)	1.51		
20~40	0.2	0.9	1.3	1.6	2.2	2.7	备注 Remarks			
40~60	0.3	1.1	1.3	1.6	2.5	3.1				
60~80	0.4	1.1	1.4	1.7	2.5	3.2	ρ (g/cm ³)	4.39		
80~100	0.5	1.0	1.4	1.7	2.5	3.2				
100~120	0.6	1.2	1.6	1.8	2.5	3.6				
120~140	0.8	1.6	1.9	2.3	3.0	3.6				