

H-LaF53			743492				n <sub>d</sub> = 1.743300		v <sub>d</sub> = 49.22		n <sub>F</sub> - n <sub>C</sub> = 0.015101	
							n <sub>e</sub> = 1.746896		v <sub>e</sub> = 48.98		n <sub>F'</sub> - n <sub>C'</sub> = 0.015249	
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 <sub>s,t</sub>	0.2668	P' <sub>s,t</sub>	0.2642	λ (nm)	τ (5mm)	τ (10mm)			
n <sub>2325.42</sub>	2325.42	1.702895	P <sub>C,s</sub>	0.5247	P' <sub>C',s</sub>	0.5669	2400	0.800	0.640			
n <sub>1970.09</sub>	1970.09	1.710090	P <sub>d,C</sub>	0.3015	P' <sub>d,C'</sub>	0.2512	2200	0.939	0.881			
n <sub>1529.58</sub>	1529.58	1.717730	P <sub>e,d</sub>	0.2381	P' <sub>e,d</sub>	0.2358	2000	0.976	0.952			
n <sub>1060.0</sub>	1060.0	1.725841	P <sub>g,F</sub>	0.5529	P' <sub>g,F'</sub>	0.4905	1800	0.989	0.979			
n <sub>t</sub>	1013.98	1.726795	P <sub>i,h</sub>	0.7994	P' <sub>i,h</sub>	0.7917	1600	0.996	0.992			
n <sub>s</sub>	852.11	1.730824	异常色散 Abnormal Dispersions				1400	0.998	0.996			
n <sub>r</sub>	706.52	1.736175					ΔP <sub>C,t</sub>	0.0133	ΔP <sub>C,s</sub>	0.0066	1200	0.998
n <sub>C</sub>	656.27	1.738747	ΔP <sub>F,e</sub>	-0.0024	ΔP <sub>g,F</sub>	-0.0090	1060	0.999	0.998			
n <sub>C'</sub>	643.85	1.739469	着色度 Color Code				1000	0.999	0.998			
n <sub>He-Ne</sub>	632.8	1.740144					λ <sub>80</sub> /λ <sub>5</sub>	370/300		950	0.999	0.998
n <sub>D</sub>	589.29	1.743166	λ <sub>70</sub> /λ <sub>5</sub>			900	0.999	0.997				
n <sub>d</sub>	587.56	1.743300	热性质 Thermal Properties				850	0.998	0.996			
n <sub>e</sub>	546.07	1.746896					T <sub>g</sub> (°C)	590		800	0.998	0.995
n <sub>F</sub>	486.13	1.753848	T <sub>s</sub> (°C)	621		700	0.997	0.994				
n <sub>F'</sub>	479.99	1.754718	T <sub>10</sub> <sup>14.5</sup> (°C)	550		650	0.997	0.993				
n <sub>g</sub>	435.83	1.762197	T <sub>10</sub> <sup>13</sup> (°C)	582		600	0.997	0.993				
n <sub>h</sub>	404.66	1.769196	T <sub>10</sub> <sup>7.6</sup> (°C)	682		550	0.997	0.993				
n <sub>i</sub>	365.01	1.781268	α <sub>30/70°C</sub> (10 <sup>-7</sup> /K)	55		500	0.995	0.990				
n <sub>313.18</sub>	313.18	1.806440	α <sub>100/300°C</sub> (10 <sup>-7</sup> /K)	73		480	0.993	0.987				
n <sub>302.15</sub>	302.15	1.814079	λ[W/(m·K)]			460	0.992	0.984				
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.988	0.977			
							K <sub>1</sub>	1.52005515E+00		Grade	420	0.985
L <sub>1</sub>	7.46606502E-03		D <sub>w</sub>	1		400	0.978	0.956				
K <sub>2</sub>	1.09140777E+00		D <sub>A</sub>	3		390	0.970	0.940				
L <sub>2</sub>	8.19422153E+01		CR	1		380	0.954	0.910				
K <sub>3</sub>	4.52588708E-01		RC(S)	1		370	0.930	0.860				
L <sub>3</sub>	2.63954349E-02		RA(S)	3		360	0.880	0.780				
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.810	0.650			
							D <sub>0</sub>	8.12E-06		H <sub>k</sub> (10 <sup>7</sup> Pa)	698	
D <sub>1</sub>	1.80E-08		折射率温度系数 Temperature Coefficients of Refractive Index				330	0.570	0.320			
D <sub>2</sub>	-3.55E-11						温度范围 (°C)		dn/dt relative(10 <sup>-6</sup> /°C)		320	0.410
E <sub>0</sub>	6.59E-07		Range of Temperature	t	C'	d	e	F'	g	310	0.250	0.060
E <sub>1</sub>	7.00E-10		-60~-40	5.9	6.7	7.0	7.1	7.7	8.4	300	0.100	0.010
λ <sub>TK</sub> (μm)	0.185		-40~-20	6.1	6.8	7.0	7.2	7.8	8.4	290		
			-20~0	6.3	7.1	7.2	7.4	7.9	8.5	280		
			0~20	6.6	7.2	7.4	7.7	8.2	8.8			
			20~40	6.8	7.6	7.7	8.1	8.7	9.3			
			40~60	6.9	7.8	8.0	8.3	9.0	9.5			
			60~80	7.0	7.8	8.2	8.6	8.9	9.7			
			80~100	7.2	8.0	8.5	8.6	9.1	10.0			
			100~120	7.4	8.3	8.6	8.8	9.5	10.3			
			120~140	7.5	8.4	8.7	8.9	9.8	10.5			
			其他性质 Other Properties				ρ (g/cm <sup>3</sup> )		4.16			
							备注 Remarks					