

H-LaF10LA			788475		n <sub>d</sub> = 1.788000		v <sub>d</sub> = 47.49		n <sub>F</sub> - n <sub>C</sub> = 0.016592	
					n <sub>e</sub> = 1.791950		v <sub>e</sub> = 47.25		n <sub>F'</sub> - n <sub>C'</sub> = 0.016760	
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>	0.2630	P' <sub>s,t</sub>	0.2603	λ (nm)	τ (5mm)	τ (10mm)	
n <sub>2325.42</sub>	2325.42	1.744703	P <sub>C,s</sub>	0.5214	P' <sub>C',s</sub>	0.5634	2400	0.823	0.677	
n <sub>1970.09</sub>	1970.09	1.752270	P <sub>d,C</sub>	0.3009	P' <sub>d,C'</sub>	0.2507	2200	0.948	0.900	
n <sub>1529.58</sub>	1529.58	1.760322	P <sub>e,d</sub>	0.2381	P' <sub>e,d</sub>	0.2357	2000	0.981	0.963	
n <sub>1060.0</sub>	1060.0	1.768965	P <sub>g,F</sub>	0.5551	P' <sub>g,F'</sub>	0.4924	1800	0.994	0.987	
n <sub>t</sub>	1013.98	1.769993	P <sub>i,h</sub>	0.8088	P' <sub>i,h</sub>	0.8007	1600	0.998	0.995	
n <sub>s</sub>	852.11	1.774356	异常色散 Abnormal Dispersions				1400	0.998	0.996	
n <sub>r</sub>	706.52	1.780192					ΔP <sub>C,t</sub>	0.0143	ΔP <sub>C,s</sub>	0.0074
n <sub>C</sub>	656.27	1.783007	ΔP <sub>F,e</sub>	-0.0027	ΔP <sub>g,F</sub>	-0.0097	1060	0.999	0.998	
n <sub>C'</sub>	643.85	1.783798	着色度 Color Code				1000	0.999	0.998	
n <sub>He-Ne</sub>	632.8	1.784538					λ <sub>80</sub> /λ <sub>5</sub>	380/315		950
n <sub>D</sub>	589.29	1.787853	λ <sub>70</sub> /λ <sub>5</sub>			900	0.999	0.998		
n <sub>d</sub>	587.56	1.788000	热性质 Thermal Properties				850	0.999	0.998	
n <sub>e</sub>	546.07	1.791950					T <sub>g</sub> (°C)	681		800
n <sub>F</sub>	486.13	1.799599	T <sub>s</sub> (°C)	707		700	0.999	0.998		
n <sub>F'</sub>	479.99	1.800558	T <sub>10</sub> <sup>14.5</sup> (°C)	636		650	0.999	0.997		
n <sub>g</sub>	435.83	1.808810	T <sub>10</sub> <sup>13</sup> (°C)	661		600	0.998	0.996		
n <sub>h</sub>	404.66	1.816553	T <sub>10</sub> <sup>7.6</sup> (°C)	756		550	0.997	0.995		
n <sub>i</sub>	365.01	1.829972	α <sub>30/70°C</sub> (10 <sup>-7</sup> /K)	61		500	0.997	0.994		
n <sub>313.18</sub>	313.18	1.858341	α <sub>100/300°C</sub> (10 <sup>-7</sup> /K)	77		480	0.996	0.992		
n <sub>302.15</sub>	302.15	1.867099	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	
							K <sub>1</sub>	1.93178403E+00		Grade
L <sub>1</sub>	9.97340769E-03		D <sub>w</sub>	1		400	0.984	0.969		
K <sub>2</sub>	1.89897276E-01		D <sub>A</sub>	3		390	0.979	0.958		
L <sub>2</sub>	3.68891042E-02		CR	1		380	0.970	0.940		
K <sub>3</sub>	1.09736515E+00		RC(S)	1		370	0.953	0.909		
L <sub>3</sub>	7.72777489E+01		RA(S)	3		360	0.926	0.857		
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.879	0.773	
							D <sub>0</sub>	1.87E-06		H <sub>k</sub> (10 <sup>7</sup> Pa)
D <sub>1</sub>	1.68E-08		Grade				330	0.680	0.462	
D <sub>2</sub>	-3.95E-11						D <sub>w</sub>	1		320
E <sub>0</sub>	5.95E-07		D <sub>A</sub>	3		310	0.167	0.028		
E <sub>1</sub>	4.28E-10		CR	1		300				
λ <sub>TK</sub> (μm)	0.194		RC(S)	1		290				
折射率温度系数 Temperature Coefficients of Refractive Index			dn/dt relative(10 <sup>-6</sup> /°C)				280			
							其他性质 Other Properties			ρ (g/cm <sup>3</sup> )
温度范围 (°C)									备注 Remarks	
Range of Temperature		t	C'	d	e	F'	g			
-60~-40		2.5	3.0	3.3	3.6	4.2	4.8			
-40~-20		2.6	3.1	3.6	3.6	4.3	4.8			
-20~0		2.7	3.4	3.7	3.7	4.3	4.9			
0~20		3.1	3.8	3.9	4.2	4.8	5.1			
20~40		3.3	4.0	4.0	4.5	4.8	5.4			
40~60		3.5	4.2	4.3	4.6	5.2	5.6			
60~80		3.5	4.3	4.4	4.8	5.2	5.9			
80~100		3.5	4.3	4.5	4.9	5.4	6.3			
100~120		3.7	4.4	4.8	4.8	5.7	6.3			
120~140		3.8	4.4	4.9	5.1	6.1	6.4			