

H-BaF8			626391		n <sub>d</sub> = 1.626040		v <sub>d</sub> = 39.07		n <sub>F</sub> - n <sub>C</sub> = 0.016023		
					n <sub>e</sub> = 1.629837		v <sub>e</sub> = 38.79		n <sub>F'</sub> - n <sub>C'</sub> = 0.016236		
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>	0.2375	P' <sub>s,t</sub>	0.2344	λ (nm)	τ (5mm)	τ (10mm)		
n <sub>2325.42</sub>	2325.42	1.590705	P <sub>C,s</sub>	0.4943	P' <sub>C',s</sub>	0.5335	2400	0.921	0.848		
n <sub>1970.09</sub>	1970.09	1.595982	P <sub>d,C</sub>	0.2946	P' <sub>d,C'</sub>	0.2451	2200	0.941	0.886		
n <sub>1529.58</sub>	1529.58	1.601852	P <sub>e,d</sub>	0.2370	P' <sub>e,d</sub>	0.2339	2000	0.974	0.948		
n <sub>1060.0</sub>	1060.0	1.608723	P <sub>g,F</sub>	0.5811	P' <sub>g,F'</sub>	0.5147	1800	0.985	0.970		
n <sub>t</sub>	1013.98	1.609593	P <sub>i,h</sub>	0.9164	P' <sub>i,h</sub>	0.9043	1600	0.995	0.991		
n <sub>s</sub>	852.11	1.613399	异常色散 Abnormal Dispersions				1400	0.996	0.993		
n <sub>r</sub>	706.52	1.618701					ΔP <sub>C,t</sub>	0.0015	ΔP <sub>C,s</sub>	0.0002	1200
n <sub>C</sub>	656.27	1.621319	ΔP <sub>F,e</sub>	0.0001	ΔP <sub>g,F</sub>	0.0019	1060	0.999	0.998		
n <sub>C'</sub>	643.85	1.622061	着色度 Color Code				1000	0.999	0.998		
n <sub>He-Ne</sub>	632.8	1.622757					λ <sub>80</sub> /λ <sub>5</sub>	385/350		950	0.999
n <sub>D</sub>	589.29	1.625900	λ <sub>70</sub> /λ <sub>5</sub>			900	0.999	0.998			
n <sub>d</sub>	587.56	1.626040	热性质 Thermal Properties				850	0.999	0.998		
n <sub>e</sub>	546.07	1.629837					T <sub>g</sub> (°C)	570		800	0.997
n <sub>F</sub>	486.13	1.637342	T <sub>s</sub> (°C)	623		700	0.997	0.995			
n <sub>F'</sub>	479.99	1.638297	T <sub>10</sub> <sup>14.5</sup> (°C)	521		650	0.996	0.992			
n <sub>g</sub>	435.83	1.646653	T <sub>10</sub> <sup>13</sup> (°C)	555		600	0.996	0.992			
n <sub>h</sub>	404.66	1.654739	T <sub>10</sub> <sup>7.6</sup> (°C)	702		550	0.996	0.992			
n <sub>i</sub>	365.01	1.669422	α <sub>30/70°C</sub> (10 <sup>-7</sup> /K)	86		500	0.994	0.989			
n <sub>313.18</sub>	313.18		α <sub>100/300°C</sub> (10 <sup>-7</sup> /K)	113		480	0.994	0.989			
n <sub>302.15</sub>	302.15		λ[W/(m·K)]			460	0.993	0.987			
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.991	0.983		
							K <sub>1</sub>	1.18828507E+00		Grade	420
L <sub>1</sub>	1.28446962E+02		D <sub>w</sub>	2		400	0.979	0.958			
K <sub>2</sub>	1.43848614E+00		D <sub>A</sub>	1		390	0.961	0.924			
L <sub>2</sub>	1.01637552E-02		CR	1		380	0.923	0.852			
K <sub>3</sub>	1.40002385E-01		RC(S)	1		370	0.816	0.666			
L <sub>3</sub>	5.24582573E-02		RA(S)	1		360	0.544	0.296			
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.145	0.021		
							D <sub>0</sub>	-1.90E-06		H <sub>k</sub> (10 <sup>7</sup> Pa)	487
D <sub>1</sub>	1.29E-08		折射率温度系数 Temperature Coefficients of Refractive Index				330				
D <sub>2</sub>	-7.27E-11						温度范围 (°C)		dn/dt relative(10 <sup>-6</sup> /°C)		320
E <sub>0</sub>	8.04E-07		Range of Temperature	t	C'	d	e	F'	g	310	
E <sub>1</sub>	1.10E-09		-60~-40							300	
λ <sub>TK</sub> (μm)	0.238		-40~-20	0.4	1.1	1.5	1.8	2.3	3.3	290	
其他性质 Other Properties			-20~0	0.9	1.5	1.7	1.9	2.3	3.3	280	
			0~20	0.9	1.7	2.0	2.2	3.0	3.5	ρ (g/cm <sup>3</sup> )	2.96
备注 Remarks			20~40	0.9	1.7	2.1	2.1	3.0	3.8		
			40~60	1.0	1.8	2.1	2.6	3.2	4.0		
			60~80	1.1	1.8	2.1	2.5	3.2	4.1		
			80~100								
			100~120								
			120~140								