

H-ZBaF16			667484				n <sub>d</sub> = 1.666720		v <sub>d</sub> = 48.42		n <sub>F</sub> - n <sub>C</sub> = 0.013769	
							n <sub>e</sub> = 1.669995		v <sub>e</sub> = 48.13		n <sub>F'</sub> - n <sub>C'</sub> = 0.013921	
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>	0.2503	P' <sub>s,t</sub>	0.2476	λ (nm)	τ (5mm)	τ (10mm)			
n <sub>2325.42</sub>	2325.42	1.634308	P <sub>C,s</sub>	0.5106	P' <sub>C',s</sub>	0.5518	2400	0.943	0.890			
n <sub>1970.09</sub>	1970.09	1.639354	P <sub>d,C</sub>	0.2991	P' <sub>d,C'</sub>	0.2491	2200	0.971	0.943			
n <sub>1529.58</sub>	1529.58	1.644932	P <sub>e,d</sub>	0.2379	P' <sub>e,d</sub>	0.2353	2000	0.986	0.973			
n <sub>1060.0</sub>	1060.0	1.651329	P <sub>g,F</sub>	0.5607	P' <sub>g,F'</sub>	0.4969	1800	0.992	0.985			
n <sub>t</sub>	1013.98	1.652124	P <sub>i,h</sub>	0.8261	P' <sub>i,h</sub>	0.8170	1600	0.998	0.996			
n <sub>s</sub>	852.11	1.655571	异常色散 Abnormal Dispersions				1400	0.999	0.998			
n <sub>r</sub>	706.52	1.660295					ΔP <sub>C,t</sub>	-0.0134	ΔP <sub>C,s</sub>	-0.0056	1200	0.999
n <sub>C</sub>	656.27	1.662602	ΔP <sub>F,e</sub>	-0.0001	ΔP <sub>g,F</sub>	-0.0026	1060	0.999	0.998			
n <sub>C'</sub>	643.85	1.663252	着色度 Color Code				1000	0.999	0.998			
n <sub>He-Ne</sub>	632.8	1.663862					λ <sub>80</sub> /λ <sub>5</sub>	370/330		950	0.999	0.998
n <sub>D</sub>	589.29	1.666598	λ <sub>70</sub> /λ <sub>5</sub>			900	0.999	0.998				
n <sub>d</sub>	587.56	1.666720	热性质 Thermal Properties				850	0.999	0.998			
n <sub>e</sub>	546.07	1.669995					T <sub>g</sub> (°C)	589		800	0.999	0.998
n <sub>F</sub>	486.13	1.676371	T <sub>s</sub> (°C)	644		700	0.998	0.996				
n <sub>F'</sub>	479.99	1.677173	T <sub>10</sub> <sup>14.5</sup> (°C)	536		650	0.997	0.995				
n <sub>g</sub>	435.83	1.684091	T <sub>10</sub> <sup>13</sup> (°C)	576		600	0.997	0.995				
n <sub>h</sub>	404.66	1.690614	T <sub>10</sub> <sup>7.6</sup> (°C)	724		550	0.997	0.995				
n <sub>i</sub>	365.01	1.701988	α <sub>30/70</sub> (10 <sup>-7</sup> /K)	71		500	0.996	0.992				
n <sub>313.18</sub>	313.18		α <sub>100/300</sub> (10 <sup>-7</sup> /K)	88		480	0.994	0.989				
n <sub>302.15</sub>	302.15		λ[W/(m·K)]			460	0.992	0.985				
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.991	0.982			
							K <sub>1</sub>	1.82247640E-01		Grade	420	0.989
L <sub>1</sub>	3.68484589E-02		D <sub>w</sub>	1		400	0.980	0.960				
K <sub>2</sub>	1.53664805E+00		D <sub>A</sub>	3		390	0.969	0.938				
L <sub>2</sub>	8.85647420E-03		CR	1		380	0.948	0.898				
K <sub>3</sub>	1.23072170E+00		RC(S)	1		370	0.904	0.817				
L <sub>3</sub>	1.34124694E+02		RA(S)	3		360	0.810	0.650				
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.620	0.390			
							D <sub>0</sub>	2.86E-06		H <sub>k</sub> (10 <sup>7</sup> Pa)	577	
D <sub>1</sub>	1.56E-08		折射率温度系数 Temperature Coefficients of Refractive Index				330					
D <sub>2</sub>	-3.67E-11						D <sub>w</sub>	1		320		
E <sub>0</sub>	7.03E-07		D <sub>A</sub>	3		310						
E <sub>1</sub>	3.95E-10		CR	1		300						
λ <sub>TK</sub> (μm)	0.198		RC(S)	1		290						
温度范围 (°C)			dn/dt relative(10 <sup>-6</sup> /°C)				280					
							Range of Temperature	t	C'	d	e	F'
-60~-40			3.2	3.8	3.9	4.3	4.8	5.3				
-40~-20			3.2	3.8	4.0	4.3	4.8	5.3				
-20~0			3.2	3.8	4.1	4.3	4.8	5.4				
0~20			3.2	3.9	4.1	4.4	4.9	5.5				
20~40			3.4	4.2	4.3	4.6	5.2	5.8				
40~60			3.5	4.3	4.5	4.8	5.3	5.9				
60~80			3.7	4.4	4.7	5.0	5.6	6.1				
80~100			3.9	4.4	4.7	5.0	5.6	6.2				
100~120			3.9	4.4	4.7	5.0	5.6	6.3				
120~140			3.9	4.4	4.8	5.0	5.6	6.3				
其他性质 Other Properties			备注 Remarks				ρ (g/cm <sup>3</sup> )		3.59			