

H-ZBaF3 657511			n <sub>d</sub> = 1.656910		v <sub>d</sub> = 51.12		n <sub>F</sub> - n <sub>C</sub> = 0.012850			
			n <sub>e</sub> = 1.659968		v <sub>e</sub> = 50.83		n <sub>F'</sub> - n <sub>C'</sub> = 0.012985			
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>	0.2586	P' <sub>s,t</sub>	0.2559	λ (nm)	τ (5mm)	τ (10mm)	
n <sub>2325.42</sub>	2325.42	1.624611	P <sub>C,s</sub>	0.5173	P' <sub>C',s</sub>	0.5590	2400	0.906	0.820	
n <sub>1970.09</sub>	1970.09	1.630004	P <sub>d,C</sub>	0.3002	P' <sub>d,C'</sub>	0.2500	2200	0.956	0.914	
n <sub>1529.58</sub>	1529.58	1.635858	P <sub>e,d</sub>	0.2380	P' <sub>e,d</sub>	0.2355	2000	0.982	0.965	
n <sub>1060.0</sub>	1060.0	1.642305	P <sub>g,F</sub>	0.5581	P' <sub>g,F'</sub>	0.4948	1800	0.991	0.982	
n <sub>t</sub>	1013.98	1.643083	P <sub>i,h</sub>	0.8191	P' <sub>i,h</sub>	0.8106	1600	0.996	0.993	
n <sub>s</sub>	852.11	1.646406	异常色散 Abnormal Dispersions				1400	0.997	0.995	
n <sub>r</sub>	706.52	1.650885					ΔP <sub>C,t</sub>	-0.0113	ΔP <sub>C,s</sub>	-0.0053
n <sub>C</sub>	656.27	1.653053	ΔP <sub>F,e</sub>	0.0001	ΔP <sub>g,F</sub>	-0.0006	1060	0.999	0.998	
n <sub>C'</sub>	643.85	1.653664	着色度 Color Code				1000	0.999	0.998	
n <sub>He-Ne</sub>	632.8	1.654235					λ <sub>80</sub> /λ <sub>5</sub>	380/340		950
n <sub>D</sub>	589.29	1.656796	λ <sub>70</sub> /λ <sub>5</sub>			900	0.999	0.998		
n <sub>d</sub>	587.56	1.656910	热性质 Thermal Properties				850	0.998	0.996	
n <sub>e</sub>	546.07	1.659968					T <sub>g</sub> (°C)	652		800
n <sub>F</sub>	486.13	1.665903	T <sub>s</sub> (°C)	693		700	0.996	0.992		
n <sub>F'</sub>	479.99	1.666649	T <sub>10</sub> <sup>14.5</sup> (°C)	589		650	0.995	0.991		
n <sub>g</sub>	435.83	1.673074	T <sub>10</sub> <sup>13</sup> (°C)	626		600	0.995	0.991		
n <sub>h</sub>	404.66	1.679122	T <sub>10</sub> <sup>7.6</sup> (°C)	757		550	0.995	0.991		
n <sub>i</sub>	365.01	1.689647	α <sub>30/70</sub> (10 <sup>-7</sup> /K)	75		500	0.994	0.988		
n <sub>313.18</sub>	313.18		α <sub>100/300</sub> (10 <sup>-7</sup> /K)	90		480	0.992	0.985		
n <sub>302.15</sub>	302.15		λ[W/(m·K)]			460	0.991	0.982		
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.989	0.979	
							K <sub>1</sub>	1.75551746E-01		Grade
L <sub>1</sub>	3.60804664E-02		D <sub>w</sub>	1		400	0.977	0.954		
K <sub>2</sub>	1.51566987E+00		D <sub>A</sub>	3		390	0.963	0.928		
L <sub>2</sub>	8.23043679E-03		CR	1		380	0.938	0.880		
K <sub>3</sub>	1.11140587E+00		RC(S)	1		370	0.880	0.780		
L <sub>3</sub>	1.13991537E+02		RA(S)	3		360	0.760	0.580		
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.540	0.290	
							D <sub>0</sub>	-8.53E-07		H <sub>k</sub> (10 <sup>7</sup> Pa)
D <sub>1</sub>	1.64E-08		Grade			340	0.210	0.050		
D <sub>2</sub>	-5.14E-11		D <sub>w</sub>	1		330				
E <sub>0</sub>	4.62E-07		D <sub>A</sub>	3		320				
E <sub>1</sub>	2.21E-10		CR	1		310				
λ <sub>TK</sub> (μm)	0.257		RC(S)	1		300				
折射率温度系数 Temperature Coefficients of Refractive Index			dn/dt relative(10 <sup>-6</sup> /°C)				290			
							Range of Temperature	t	C'	d
-60~-40										
-40~-20	0.9	1.4	1.7	1.9	2.5	2.7				
-20~0	0.9	1.4	1.7	1.9	2.4	2.7				
0~20	1.3	1.7	2.0	2.1	2.4	3.1				
20~40	1.4	1.8	2.1	2.3	2.6	3.4				
40~60	1.5	2.0	2.1	2.3	2.9	3.3				
60~80	1.5	2.0	2.2	2.3	3.0	3.4				
80~100										
100~120										
120~140										
其他性质 Other Properties			备注 Remarks				E (10 <sup>7</sup> Pa)	8592		
							F <sub>A</sub>	170		G (10 <sup>7</sup> Pa)
备注 Remarks							μ	0.279		
							B (10 <sup>-12</sup> /Pa)	1.76		ρ (g/cm <sup>3</sup> )