

H-ZBaF50			658509			n <sub>d</sub> = 1.658440		ν <sub>d</sub> = 50.85		n <sub>F</sub> - n <sub>C</sub> = 0.012948	
						n <sub>e</sub> = 1.661521		ν <sub>e</sub> = 50.56		n <sub>F'</sub> - n <sub>C'</sub> = 0.013084	
折射率 Refractive Index			相对部分色散 Relative Partial Dispersions				内部透过率 Internal Transmittance τ				
	λ (nm)		P <sub>s,t</sub>	0.2584	P' <sub>s,t</sub>	0.2557	λ (nm)	τ (5mm)	τ (10mm)		
n <sub>2325.42</sub>	2325.42	1.626026	P <sub>C,s</sub>	0.5176	P' <sub>C',s</sub>	0.5592	2400	0.906	0.820		
n <sub>1970.09</sub>	1970.09	1.631419	P <sub>d,C</sub>	0.3003	P' <sub>d,C'</sub>	0.2502	2200	0.956	0.914		
n <sub>1529.58</sub>	1529.58	1.637265	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	1.643723	P <sub>g,F</sub>	0.5578	P' <sub>g,F'</sub>	0.4946	1800	0.991	0.982		
n <sub>t</sub>	1013.98	1.644504	P <sub>i,h</sub>	0.8228	P' <sub>i,h</sub>	0.8143	1600	0.996	0.993		
n <sub>s</sub>	852.11	1.647850	异常色散 Abnormal Dispersions				1400	0.997	0.995		
n <sub>r</sub>	706.52	1.652365					ΔP <sub>C,t</sub>	-0.0098	ΔP <sub>C,s</sub>	-0.0044	1200
n <sub>C</sub>	656.27	1.654552	ΔP <sub>F,e</sub>	-0.0001	ΔP <sub>g,F</sub>	-0.0013	1060	0.999	0.998		
n <sub>C'</sub>	643.85	1.655167	着色度 Color Code				1000	0.999	0.998		
n <sub>He-Ne</sub>	632.8	1.655744					λ <sub>80</sub> /λ <sub>s</sub>	375/340		950	0.999
n <sub>D</sub>	589.29	1.658325	λ <sub>70</sub> /λ <sub>s</sub>			900	0.999	0.998			
n <sub>d</sub>	587.56	1.658440	热性质 Thermal Properties				850	0.998	0.996		
n <sub>e</sub>	546.07	1.661521					T <sub>g</sub> (°C)	652		800	0.997
n <sub>F</sub>	486.13	1.667500	T <sub>s</sub> (°C)	693		700	0.996	0.992			
n <sub>F'</sub>	479.99	1.668251	T <sub>10</sub> <sup>14.5</sup> (°C)	589		650	0.995	0.991			
n <sub>g</sub>	435.83	1.674723	T <sub>10</sub> <sup>13</sup> (°C)	626		600	0.995	0.991			
n <sub>h</sub>	404.66	1.680820	T <sub>10</sub> <sup>7.6</sup> (°C)	781		550	0.995	0.991			
n <sub>i</sub>	365.01	1.691474	α <sub>30/70°C</sub> (10 <sup>-7</sup> /K)	75		500	0.994	0.988			
n <sub>313.18</sub>	313.18	1.714653	α <sub>100/300°C</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>	1.63431974E+00		Grade	420
L <sub>1</sub>	9.83161322E-03		D <sub>w</sub>	1		400	0.977	0.954			
K <sub>2</sub>	9.88379475E-01		D <sub>A</sub>	3		390	0.963	0.928			
L <sub>2</sub>	1.02398826E+02		CR	2		380	0.938	0.880			
K <sub>3</sub>	6.11984018E-02		RC(S)	1		370	0.880	0.780			
L <sub>3</sub>	4.99038842E-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>	-1.58E-06		H <sub>K</sub> (10 <sup>7</sup> Pa)	508
D <sub>1</sub>	1.38E-08		Grade				330				
D <sub>2</sub>	-3.26E-11						D <sub>w</sub>	1		320	
E <sub>0</sub>	6.19E-07		D <sub>A</sub>	3		310					
E <sub>1</sub>	5.52E-10		CR	2		300					
λ <sub>TK</sub> (μm)	0.183		RC(S)	1		290					
折射率温度系数 Temperature Coefficients of Refractive Index			RA(S)	3		280					
			dn/dt relative(10 <sup>-6</sup> /°C)				机械性质 Mechanical Properties		F <sub>A</sub>	156	
温度范围 (°C)							E (10 <sup>7</sup> Pa)	8592			
Range of Temperature	t	C'	d	e	F'	g	G (10 <sup>7</sup> Pa)	3359			
-60~-40	0.8	1.1	1.4	1.5	2.0	2.4	μ	0.279			
-40~-20	0.9	1.3	1.5	1.6	2.1	2.5	B (10 <sup>-12</sup> /Pa)	1.71			
-20~0	0.9	1.4	1.6	1.8	2.1	2.7	其他性质 Other Properties				
0~20	1.0	1.6	1.8	2.0	2.2	2.9					ρ (g/cm <sup>3</sup> )
20~40	1.1	1.7	1.8	2.0	2.4	3.0	备注 Remarks				
40~60	1.1	1.8	1.9	2.1	2.6	3.1					
60~80	1.2	1.8	2.0	2.3	2.7	3.3					
80~100	1.2	1.9	2.1	2.4	2.9	3.3					
100~120	1.4	2.0	2.1	2.4	3.0	3.3					
120~140	1.6	2.1	2.3	2.5	3.1	3.5					