

H-BaF5 606439			n <sub>d</sub> = 1.605620		v <sub>d</sub> = 43.88		n <sub>F</sub> - n <sub>C</sub> = 0.013803					
			n <sub>e</sub> = 1.608896		v <sub>e</sub> = 43.59		n <sub>F'</sub> - n <sub>C'</sub> = 0.013970					
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>	0.2504	P' <sub>s,t</sub>	0.2474	λ (nm)	τ (5mm)	τ (10mm)			
n <sub>2325.42</sub>	2325.42	1.572221	P <sub>C,s</sub>	0.5064	P' <sub>C',s</sub>	0.5467	2400	0.914	0.835			
n <sub>1970.09</sub>	1970.09	1.577697	P <sub>d,C</sub>	0.2971	P' <sub>d,C'</sub>	0.2472	2200	0.937	0.878			
n <sub>1529.58</sub>	1529.58	1.583653	P <sub>e,d</sub>	0.2373	P' <sub>e,d</sub>	0.2345	2000	0.976	0.952			
n <sub>1060.0</sub>	1060.0	1.590268	P <sub>g,F</sub>	0.5723	P' <sub>g,F'</sub>	0.5072	1800	0.987	0.973			
n <sub>t</sub>	1013.98	1.591073	P <sub>i,h</sub>	0.8839	P' <sub>i,h</sub>	0.8733	1600	0.995	0.991			
n <sub>s</sub>	852.11	1.594529	异常色散 Abnormal Dispersions				1400	0.994	0.988			
n <sub>r</sub>	706.52	1.599228					ΔP <sub>C,t</sub>	0.0038	ΔP <sub>C,s</sub>	0.0009	1200	0.999
n <sub>C</sub>	656.27	1.601519	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	1.602166	着色度 Color Code				1000	0.999	0.998			
n <sub>He-Ne</sub>	632.8	1.602772					λ <sub>80</sub> /λ <sub>5</sub>	380/350		950	0.999	0.998
n <sub>D</sub>	589.29	1.605499	λ <sub>70</sub> /λ <sub>5</sub>			900	0.999	0.998				
n <sub>d</sub>	587.56	1.605620	热性质 Thermal Properties				850	0.999	0.998			
n <sub>e</sub>	546.07	1.608896					T <sub>g</sub> (°C)	576		800	0.999	0.998
n <sub>F</sub>	486.13	1.615322	T <sub>s</sub> (°C)	624		700	0.998	0.997				
n <sub>F'</sub>	479.99	1.616136	T <sub>10</sub> <sup>14.5</sup> (°C)	520		650	0.998	0.996				
n <sub>g</sub>	435.83	1.623221	T <sub>10</sub> <sup>13</sup> (°C)	554		600	0.997	0.995				
n <sub>h</sub>	404.66	1.630019	T <sub>10</sub> <sup>7.6</sup> (°C)	692		550	0.997	0.995				
n <sub>i</sub>	365.01	1.642219	α <sub>30/70°C</sub> (10 <sup>-7</sup> /K)	82		500	0.996	0.993				
n <sub>313.18</sub>	313.18		α <sub>100/300°C</sub> (10 <sup>-7</sup> /K)	97		480	0.996	0.993				
n <sub>302.15</sub>	302.15		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	0.993	0.987			
							K <sub>1</sub>	1.06904566E+00		Grade		420
L <sub>1</sub>	1.12003965E+02		D <sub>w</sub>	1		400	0.984	0.968				
K <sub>2</sub>	1.04157510E-01		D <sub>A</sub>	1		390	0.973	0.947				
L <sub>2</sub>	5.16103587E-02		CR	1		380	0.948	0.899				
K <sub>3</sub>	1.41843612E+00		RC(S)	1		370	0.882	0.778				
L <sub>3</sub>	9.56493179E-03		RA(S)	1		360	0.698	0.487				
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.302	0.091			
							D <sub>0</sub>	-8.44E-07		H <sub>k</sub> (10 <sup>7</sup> Pa)	556	
D <sub>1</sub>	2.08E-08		折射率温度系数 Temperature Coefficients of Refractive Index				F <sub>A</sub>	168				
D <sub>2</sub>	-7.18E-11						温度范围 (°C)		dn/dt relative(10 <sup>-6</sup> /°C)		E (10 <sup>7</sup> Pa)	8210
E <sub>0</sub>	7.13E-07		t	C'	d	e					F'	g
E <sub>1</sub>	6.88E-10		-60~-40						μ	0.243		
λ <sub>TK</sub> (μm)	0.231		-40~-20	0.6	1.6	1.8	1.8	2.1	2.9	B (10 <sup>-12</sup> /Pa)	2.63	
折射率温度系数 Temperature Coefficients of Refractive Index			-20~0	0.6	1.8	1.8	1.9	2.6	3.0	其他性质 Other Properties		
			0~20	1.6	1.8	2.2	2.7	3.0	3.7			
温度范围 (°C)			20~40	1.6	1.8	2.2	2.7	3.2	3.9	ρ (g/cm <sup>3</sup> )		
			40~60	1.6	2.4	2.6	2.8	3.5	4.2			
Range of Temperature			60~80	2.0	2.6	2.9	3.0	3.5	4.3	备注 Remarks		
			80~100									
Range of Temperature			100~120									
			120~140									