

H-BaF7			614400				n <sub>d</sub> = 1.614130		v <sub>d</sub> = 39.99		n <sub>F</sub> - n <sub>C</sub> = 0.015359	
							n <sub>e</sub> = 1.617771		v <sub>e</sub> = 39.71		n <sub>F'</sub> - n <sub>C'</sub> = 0.015559	
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>	0.2406	P' <sub>s,t</sub>	0.2375	λ (nm)	τ (5mm)	τ (10mm)			
n <sub>2325.42</sub>	2325.42	1.579434	P <sub>C,s</sub>	0.4972	P' <sub>C',s</sub>	0.5366	2400	0.942	0.888			
n <sub>1970.09</sub>	1970.09	1.584760	P <sub>d,C</sub>	0.2952	P' <sub>d,C'</sub>	0.2456	2200	0.954	0.911			
n <sub>1529.58</sub>	1529.58	1.590639	P <sub>e,d</sub>	0.2371	P' <sub>e,d</sub>	0.2340	2000	0.980	0.961			
n <sub>1060.0</sub>	1060.0	1.597416	P <sub>g,F</sub>	0.5791	P' <sub>g,F'</sub>	0.5130	1800	0.989	0.978			
n <sub>t</sub>	1013.98	1.598264	P <sub>i,h</sub>	0.9095	P' <sub>i,h</sub>	0.8978	1600	0.996	0.993			
n <sub>s</sub>	852.11	1.601960	异常色散 Abnormal Dispersions				1400	0.997	0.994			
n <sub>r</sub>	706.52	1.607077					ΔP <sub>C,t</sub>	0.0032	ΔP <sub>C,s</sub>	0.0009	1200	0.999
n <sub>C</sub>	656.27	1.609596	ΔP <sub>F,e</sub>	0.0000	ΔP <sub>g,F</sub>	0.0015	1060	0.999	0.998			
n <sub>C'</sub>	643.85	1.610309	着色度 Color Code				1000	0.999	0.998			
n <sub>He-Ne</sub>	632.8	1.610978					λ <sub>80</sub> /λ <sub>5</sub>	380/350		950	0.999	0.998
n <sub>D</sub>	589.29	1.613995	λ <sub>70</sub> /λ <sub>5</sub>			900	0.999	0.998				
n <sub>d</sub>	587.56	1.614130	热性质 Thermal Properties				850	0.999	0.998			
n <sub>e</sub>	546.07	1.617771					T <sub>g</sub> (°C)	587		800	0.999	0.997
n <sub>F</sub>	486.13	1.624955	T <sub>s</sub> (°C)	628		700	0.998	0.996				
n <sub>F'</sub>	479.99	1.625868	T <sub>10</sub> <sup>14.5</sup> (°C)	530		650	0.998	0.996				
n <sub>g</sub>	435.83	1.633849	T <sub>10</sub> <sup>13</sup> (°C)	566		600	0.997	0.995				
n <sub>h</sub>	404.66	1.641560	T <sub>10</sub> <sup>7.6</sup> (°C)	712		550	0.997	0.994				
n <sub>i</sub>	365.01	1.655529	α <sub>30/70°C</sub> (10 <sup>-7</sup> /K)	83		500	0.996	0.992				
n <sub>313.18</sub>	313.18		α <sub>100/300°C</sub> (10 <sup>-7</sup> /K)	103		480	0.995	0.991				
n <sub>302.15</sub>	302.15		λ[W/(m·K)]			460	0.995	0.990				
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.994	0.988			
							K <sub>1</sub>	1.08754258E+00		Grade		420
折射率温度系数常数 Constants of dn/dt			Grade				400	0.981	0.963			
							D <sub>0</sub>	-1.75E-06		D <sub>w</sub>		390
折射率温度系数 Temperature Coefficients of Refractive Index			Grade				380	0.929	0.863			
							D <sub>1</sub>	1.92E-08		D <sub>A</sub>		370
温度范围 (°C)			dn/dt relative(10 <sup>-6</sup> /°C)				360	0.567	0.321			
							Range of Temperature		t	C'	d	e
-60~-40							340					
-40~-20							330					
-20~0							320					
0~20							310					
20~40							300					
40~60							290					
60~80							280					
80~100							机械性质 Mechanical Properties					
100~120												H <sub>k</sub> (10 <sup>7</sup> Pa)
120~140							F <sub>A</sub>	131				
							E (10 <sup>7</sup> Pa)	7894				
							G (10 <sup>7</sup> Pa)	3180				
							μ	0.241				
							B (10 <sup>-12</sup> /Pa)	2.84				
							其他性质 Other Properties					
												ρ (g/cm <sup>3</sup> )
							备注 Remarks					