

BaF7		614400		n <sub>d</sub> = 1.61413		v <sub>d</sub> = 40.03		n <sub>F</sub> - n <sub>C</sub> = 0.015340	
				n <sub>e</sub> = 1.61777		v <sub>e</sub> = 39.75		n <sub>F'</sub> - n <sub>C'</sub> = 0.015542	
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>		P' <sub>s,t</sub>		λ (nm)	τ (5mm)	τ (10mm)
n <sub>2325.42</sub>	2325.42		P <sub>C,s</sub>		P' <sub>C',s</sub>		2400	0.946	0.894
n <sub>1970.09</sub>	1970.09		P <sub>d,C</sub>	0.2952	P' <sub>d,C'</sub>	0.2451	2200	0.955	0.912
n <sub>1529.58</sub>	1529.58		P <sub>e,d</sub>	0.2373	P' <sub>e,d</sub>	0.2342	2000	0.979	0.958
n <sub>1060.0</sub>	1060.0		P <sub>g,F</sub>	0.5776	P' <sub>g,F'</sub>	0.5109	1800	0.988	0.977
n <sub>t</sub>	1013.98		P <sub>i,h</sub>		P' <sub>i,h</sub>		1600	0.999	0.998
n <sub>s</sub>	852.11		异常色散 Abnormal Dispersions				1400	0.999	0.998
n <sub>r</sub>	706.52	1.60710					ΔP <sub>C,t</sub>		ΔP <sub>C,s</sub>
n <sub>C</sub>	656.27	1.60960	ΔP <sub>F,e</sub>	-0.0003	ΔP <sub>g,F</sub>	0.0001	1060	0.999	0.998
n <sub>C'</sub>	643.85	1.61032	着色度 Color Code				1000	0.999	0.998
n <sub>He-Ne</sub>	632.8	1.61098					λ <sub>80</sub> /λ <sub>5</sub>	360/330	
n <sub>D</sub>	589.29	1.61400	λ <sub>70</sub> /λ <sub>5</sub>			900	0.998	0.997	
n <sub>d</sub>	587.56	1.61413	热性质 Thermal Properties				850	0.998	0.997
n <sub>e</sub>	546.07	1.61777					T <sub>g</sub> (°C)	474	
n <sub>F</sub>	486.13	1.62494	T <sub>s</sub> (°C)	550		700	0.996	0.993	
n <sub>F'</sub>	479.99	1.62586	T <sub>10</sub> <sup>14.5</sup> (°C)	420		650	0.996	0.993	
n <sub>g</sub>	435.83	1.63380	T <sub>10</sub> <sup>13</sup> (°C)	467		600	0.996	0.993	
n <sub>h</sub>	404.66	1.64142	T <sub>10</sub> <sup>7.6</sup> (°C)	83		550	0.996	0.993	
n <sub>i</sub>	365.01	1.65512	α <sub>30/70</sub> (10 <sup>-7</sup> /K)	94		500	0.995	0.991	
n <sub>313.18</sub>	313.18		α <sub>100/300</sub> (10 <sup>-7</sup> /K)			480	0.995	0.990	
n <sub>302.15</sub>	302.15		λ[W/(m·K)]			460	0.994	0.988	
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.993	0.987
							A <sub>0</sub>	2.5436416E+00	
A <sub>1</sub>	-8.6925216E-03		D <sub>w</sub>	1		400	0.989	0.979	
A <sub>2</sub>	2.0049192E-02		D <sub>A</sub>	1		390	0.985	0.970	
A <sub>3</sub>	8.9795352E-04		CR	1		380	0.978	0.956	
A <sub>4</sub>	-4.9734473E-05		RC(S)	1		370	0.970	0.940	
A <sub>5</sub>	5.3556000E-06		RA(S)	1		360	0.945	0.893	
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.890	0.790
							D <sub>0</sub>		
D <sub>1</sub>			折射率温度系数 Temperature Coefficients of Refractive Index				330	0.420	0.180
D <sub>2</sub>							H <sub>k</sub> (10 <sup>7</sup> Pa)	416	
E <sub>0</sub>			温度范围 (°C) dn/dt relative(10 <sup>-6</sup> /°C)				F <sub>A</sub>	90	
E <sub>1</sub>							Range of Temperature	t	C'
λ <sub>TK</sub> (μm)			-60~-40						
折射率温度系数 Temperature Coefficients of Refractive Index			-40~-20						
			-20~0						
其他性质 Other Properties			0~20						
			20~40						
备注 Remarks			40~60						
			60~80						
ρ (g/cm <sup>3</sup> )			80~100						
			100~120						
ρ (g/cm <sup>3</sup> )			120~140						
						3.56			