

BaF4		583465		n <sub>d</sub> = 1.58271		v <sub>d</sub> = 46.47		n <sub>F</sub> - n <sub>C</sub> = 0.012540	
				n <sub>e</sub> = 1.58569		v <sub>e</sub> = 46.07		n <sub>F'</sub> - n <sub>C'</sub> = 0.012714	
<b>折射率 Refractive Index</b>			<b>相对部分色散 Relative Partial Dispersions</b>				<b>内部透射率 Internal Transmittance T</b>		
	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	0.931	0.867
n <sub>1970.09</sub>	1970.09		P <sub>d,C</sub>	0.2986	P' <sub>d,C'</sub>	0.2485	2200	0.945	0.893
n <sub>1529.58</sub>	1529.58		P <sub>e,d</sub>	0.2374	P' <sub>e,d</sub>	0.2342	2000	0.973	0.947
n <sub>1060.0</sub>	1060.0		P <sub>g,F</sub>	0.5673	P' <sub>g,F'</sub>	0.4999	1800	0.986	0.973
n <sub>t</sub>	1013.98		P <sub>i,h</sub>		P' <sub>i,h</sub>		1600	0.997	0.994
n <sub>s</sub>	852.11		<b>异常色散 Abnormal Dispersions</b>				1400	0.998	0.996
n <sub>r</sub>	706.52	1.57687	ΔP <sub>C,t</sub>		ΔP <sub>C,s</sub>		1200	0.999	0.998
n <sub>C</sub>	656.27	1.57897	ΔP <sub>F,e</sub>	-0.0002	ΔP <sub>g,F</sub>	0.0007	1060	0.999	0.998
n <sub>C'</sub>	643.85	1.57955	<b>着色度 Color Code</b>				1000	0.999	0.998
n <sub>He-Ne</sub>	632.8	1.58011	λ <sub>80</sub> /λ <sub>5</sub>		350/320		950	0.999	0.998
n <sub>D</sub>	589.29	1.58260	λ <sub>70</sub> /λ <sub>5</sub>				900	0.999	0.998
n <sub>d</sub>	587.56	1.58271	<b>热性质 Thermal Properties</b>				850	0.999	0.998
n <sub>e</sub>	546.07	1.58569	T <sub>g</sub> (°C)		528		800	0.999	0.998
n <sub>F</sub>	486.13	1.59151	T <sub>s</sub> (°C)		606		700	0.998	0.997
n <sub>F'</sub>	479.99	1.59227	T <sub>10</sub> <sup>14.5</sup> (°C)		475		650	0.998	0.997
n <sub>g</sub>	435.83	1.59862	T <sub>10</sub> <sup>13</sup> (°C)		518		600	0.998	0.997
n <sub>h</sub>	404.66	1.60468	T <sub>10</sub> <sup>7.6</sup> (°C)				550	0.998	0.996
n <sub>i</sub>	365.01	1.61535	α <sub>30/70</sub> (10 <sup>-7</sup> /K)		78		500	0.997	0.995
n <sub>313.18</sub>	313.18		α <sub>100/300</sub> (10 <sup>-7</sup> /K)		91		480	0.997	0.994
n <sub>302.15</sub>	302.15		λ[W/(m·K)]				460	0.996	0.993
<b>色散公式常数 Constants of Dispersion Formula</b>			<b>化学性质 Chemical Properties</b>				440	0.996	0.992
A <sub>0</sub>	2.4514720E+00		Grade				420	0.995	0.991
A <sub>1</sub>	-6.5118879E-03		D <sub>w</sub>				400	0.994	0.989
A <sub>2</sub>	1.9377342E-02		D <sub>A</sub>				390	0.992	0.984
A <sub>3</sub>	-3.0637647E-04		CR				380	0.988	0.976
A <sub>4</sub>	1.0174985E-04		RC(S)				370	0.985	0.971
A <sub>5</sub>	-3.9270356E-06		RA(S)				360	0.975	0.951
<b>折射率温度系数常数 Constants of dn/dt</b>			<b>机械性质 Mechanical Properties</b>				350	0.949	0.901
D <sub>0</sub>			Grade				340	0.890	0.790
D <sub>1</sub>			D <sub>w</sub>				330	0.720	0.520
D <sub>2</sub>			D <sub>A</sub>				320	0.360	0.130
E <sub>0</sub>			CR				310		
E <sub>1</sub>			RC(S)				300		
λ <sub>TK</sub> (μm)			RA(S)				290		
<b>折射率温度系数 Temperature Coefficients of Refractive Index</b>			<b>其他性质 Other Properties</b>				280		
<b>温度范围 (°C)</b>			<b>dn/dt relative(10<sup>-6</sup>/°C)</b>				H <sub>k</sub> (10 <sup>7</sup> Pa)		
<b>Range of Temperature</b>			<b>t</b>	<b>C'</b>	<b>d</b>	<b>e</b>	<b>F'</b>	<b>g</b>	442
-60~-40									F <sub>A</sub>
-40~-20									97
-20~0									E (10 <sup>7</sup> Pa)
0~20									6477
20~40									G (10 <sup>7</sup> Pa)
40~60									2619
60~80									μ
80~100									0.237
100~120									B (10 <sup>-12</sup> /Pa)
120~140									
			<b>备注 Remarks</b>				ρ (g/cm <sup>3</sup> )		
							3.28		