

H-ZF4A			728283				n <sub>d</sub> = 1.728250		v <sub>d</sub> = 28.32		n <sub>F</sub> - n <sub>C</sub> = 0.025716	
							n <sub>e</sub> = 1.734316		v <sub>e</sub> = 28.09		n <sub>F'</sub> - n <sub>C'</sub> = 0.026140	
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>	0.2153	P' <sub>s,t</sub>	0.2118	λ (nm)	τ (5mm)	τ (10mm)			
n <sub>2325.42</sub>	2325.42	1.679677	P <sub>C,s</sub>	0.4696	P' <sub>C',s</sub>	0.5062	2400	0.934	0.872			
n <sub>1970.09</sub>	1970.09	1.685822	P <sub>d,C</sub>	0.2886	P' <sub>d,C'</sub>	0.2397	2200	0.956	0.914			
n <sub>1529.58</sub>	1529.58	1.692905	P <sub>e,d</sub>	0.2359	P' <sub>e,d</sub>	0.2321	2000	0.979	0.958			
n <sub>1060.0</sub>	1060.0	1.701988	P <sub>g,F</sub>	0.6081	P' <sub>g,F'</sub>	0.5378	1800	0.987	0.975			
n <sub>t</sub>	1013.98	1.703216	P <sub>i,h</sub>	1.0453	P' <sub>i,h</sub>	1.0283	1600	0.996	0.992			
n <sub>s</sub>	852.11	1.708753	异常色散 Abnormal Dispersions				1400	0.997	0.995			
n <sub>r</sub>	706.52	1.716776					ΔP <sub>C,t</sub>	0.0052	ΔP <sub>C,s</sub>	0.0009	1200	0.999
n <sub>C</sub>	656.27	1.720828	ΔP <sub>F,e</sub>	0.0014	ΔP <sub>g,F</sub>	0.0107	1060	0.999	0.998			
n <sub>C'</sub>	643.85	1.721984	着色度 Color Code				1000	0.999	0.998			
n <sub>He-Ne</sub>	632.8	1.723074					λ <sub>80</sub> /λ <sub>5</sub>	410/370		950	0.999	0.998
n <sub>D</sub>	589.29	1.728027	λ <sub>70</sub> /λ <sub>5</sub>			900	0.999	0.998				
n <sub>d</sub>	587.56	1.728250	热性质 Thermal Properties				850	0.999	0.998			
n <sub>e</sub>	546.07	1.734316					T <sub>g</sub> (°C)	593		800	0.998	0.997
n <sub>F</sub>	486.13	1.746544	T <sub>s</sub> (°C)	629		700	0.998	0.996				
n <sub>F'</sub>	479.99	1.748124	T <sub>10</sub> <sup>14.5</sup> (°C)	537		650	0.997	0.995				
n <sub>g</sub>	435.83	1.762183	T <sub>10</sub> <sup>13</sup> (°C)	571		600	0.996	0.993				
n <sub>h</sub>	404.66	1.776236	T <sub>10</sub> <sup>7.6</sup> (°C)	684		550	0.996	0.993				
n <sub>i</sub>	365.01	1.803116	α <sub>30/70°C</sub> (10 <sup>-7</sup> /K)	93		500	0.992	0.985				
n <sub>313.18</sub>	313.18		α <sub>100/300°C</sub> (10 <sup>-7</sup> /K)	112		480	0.991	0.982				
n <sub>302.15</sub>	302.15		λ[W/(m·K)]			460	0.988	0.976				
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.982	0.965			
							K <sub>1</sub>	1.67238093E+00		Grade		420
K <sub>2</sub>	1.34134437E+00		Grade				400	0.934	0.873			
L <sub>1</sub>	1.33653851E-02						D <sub>w</sub>	1		390	0.883	0.779
L <sub>2</sub>	1.22464022E+02		D <sub>A</sub>	1		380	0.758	0.574				
K <sub>3</sub>	2.04305471E-01		CR	1		370	0.462	0.213				
L <sub>3</sub>	6.41192325E-02		RC(S)	1		360						
折射率温度系数常数 Constants of dn/dt			Grade				350					
							RA(S)	1		340		
D <sub>0</sub>	-5.36E-06		Grade				330					
D <sub>1</sub>	1.47E-08						D <sub>w</sub>	1		320		
D <sub>2</sub>	-3.86E-11		Grade				310					
E <sub>0</sub>	1.02E-06						D <sub>A</sub>	1		300		
E <sub>1</sub>	8.24E-10		CR	1		290						
λ <sub>TK</sub> (μm)	0.276		RC(S)	1		280						
折射率温度系数 Temperature Coefficients of Refractive Index			Grade				机械性质 Mechanical Properties					
							H <sub>k</sub> (10 <sup>7</sup> Pa)		524			
温度范围 (°C)		dn/dt relative(10 <sup>-6</sup> /°C)					F <sub>A</sub>		192			
Range of Temperature		t	C'	d	e	F'	g	E (10 <sup>7</sup> Pa)		8774		
-60~-40		-1.2	-0.3	0.3	0.7	1.7	2.9	G (10 <sup>7</sup> Pa)		3496		
-40~-20		-1.2	-0.1	0.4	0.7	1.7	3.2	μ		0.255		
-20~0		-1.1	-0.1	0.6	0.8	1.9	3.3	B (10 <sup>-12</sup> /Pa)		2.73		
0~20		-1.1	0.2	0.7	1.0	2.2	3.7	其他性质 Other Properties				
20~40		-0.8	0.4	0.9	1.3	2.4	4.0					
40~60		-0.6	0.6	1.0	1.4	2.8	4.2	ρ (g/cm <sup>3</sup> )		3.05		
60~80		-0.5	0.6	1.1	1.6	3.1	4.5	备注 Remarks				
80~100		-0.4	0.7	1.1	1.7	3.2	4.7					
100~120		-0.4	0.7	1.2	1.9	3.3	4.9					
120~140		-0.4	0.8	1.3	2.0	3.3	5.2					