

H-ZF10			689312			n <sub>d</sub> = 1.688930		v <sub>d</sub> = 31.16		n <sub>F</sub> - n <sub>C</sub> = 0.022109		
						n <sub>e</sub> = 1.694152		v <sub>e</sub> = 30.92		n <sub>F'</sub> - n <sub>C'</sub> = 0.022453		
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>	0.2214	P' <sub>s,t</sub>	0.2180	λ (nm)	τ (5mm)	τ (10mm)			
n <sub>2325.42</sub>	2325.42	1.645355	P <sub>C,s</sub>	0.4765	P' <sub>C',s</sub>	0.5138	2400	0.940	0.884			
n <sub>1970.09</sub>	1970.09	1.651128	P <sub>d,C</sub>	0.2904	P' <sub>d,C'</sub>	0.2413	2200	0.961	0.923			
n <sub>1529.58</sub>	1529.58	1.657732	P <sub>e,d</sub>	0.2362	P' <sub>e,d</sub>	0.2326	2000	0.981	0.963			
n <sub>1060.0</sub>	1060.0	1.665985	P <sub>g,F</sub>	0.6000	P' <sub>g,F'</sub>	0.5308	1800	0.991	0.983			
n <sub>t</sub>	1013.98	1.667081	P <sub>i,h</sub>	1.0038	P' <sub>i,h</sub>	0.9885	1600	0.999	0.998			
n <sub>s</sub>	852.11	1.671976	异常色散 Abnormal Dispersions				1400	0.999	0.998			
n <sub>r</sub>	706.52	1.678990					ΔP <sub>C,t</sub>	0.0048	ΔP <sub>C,s</sub>	0.0011	1200	0.999
n <sub>C</sub>	656.27	1.682510	ΔP <sub>F,e</sub>	0.0009	ΔP <sub>g,F</sub>	0.0074	1060	0.999	0.998			
n <sub>C'</sub>	643.85	1.683513	着色度 Color Code				1000	0.999	0.998			
n <sub>He-Ne</sub>	632.8	1.684457					λ <sub>80</sub> /λ <sub>5</sub>	395/360		950	0.999	0.998
n <sub>D</sub>	589.29	1.688738	λ <sub>70</sub> /λ <sub>5</sub>			900	0.999	0.998				
n <sub>d</sub>	587.56	1.688930	热性质 Thermal Properties				850	0.999	0.998			
n <sub>e</sub>	546.07	1.694152					T <sub>g</sub> (°C)	554		800	0.998	0.997
n <sub>F</sub>	486.13	1.704619	T <sub>s</sub> (°C)	587		700	0.996	0.993				
n <sub>F'</sub>	479.99	1.705966	T <sub>10</sub> <sup>14.5</sup> (°C)	490		650	0.995	0.991				
n <sub>g</sub>	435.83	1.717885	T <sub>10</sub> <sup>13</sup> (°C)	526		600	0.996	0.993				
n <sub>h</sub>	404.66	1.729683	T <sub>10</sub> <sup>7.6</sup> (°C)	650		550	0.996	0.993				
n <sub>i</sub>	365.01	1.751877	α <sub>30/70°C</sub> (10 <sup>-7</sup> /K)	91		500	0.994	0.988				
n <sub>313.18</sub>	313.18		α <sub>100/300°C</sub> (10 <sup>-7</sup> /K)	119		480	0.992	0.984				
n <sub>302.15</sub>	302.15		λ[W/(m·K)]			460	0.990	0.980				
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.987	0.975			
							K <sub>1</sub>	1.50060292E+00		Grade	420	0.982
L <sub>1</sub>	1.45496272E+02		D <sub>w</sub>	1		400	0.957	0.916				
K <sub>2</sub>	1.57641199E+00		D <sub>A</sub>	1		390	0.920	0.847				
L <sub>2</sub>	1.21805144E-02		CR	1		380	0.830	0.690				
K <sub>3</sub>	1.83076270E-01		RC(S)	1		370	0.600	0.360				
L <sub>3</sub>	6.05139545E-02		RA(S)	1		360	0.200	0.040				
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350					
							D <sub>0</sub>	-5.43E-06		H <sub>k</sub> (10 <sup>7</sup> Pa)	527	
D <sub>1</sub>	1.06E-08		D <sub>A</sub>	1		F <sub>A</sub>	175		330			
D <sub>2</sub>	-9.67E-11		CR	1		E (10 <sup>7</sup> Pa)	8570		320			
E <sub>0</sub>	9.25E-07		RC(S)	1		G (10 <sup>7</sup> Pa)	3438		310			
E <sub>1</sub>	1.66E-09		RA(S)	1		μ	0.246		300			
λ <sub>TK</sub> (μm)	0.269					B (10 <sup>-12</sup> /Pa)	2.54		290			
折射率温度系数 Temperature Coefficients of Refractive Index			其他性质 Other Properties				ρ (g/cm <sup>3</sup> )		2.92			
温度范围 (°C)							dn/dt relative(10 <sup>-6</sup> /°C)				备注 Remarks	
Range of Temperature			t	C'	d	e	F'	g				
-60~-40												
-40~-20			-1.3	-1.1	-0.3	0.3	0.6	1.5				
-20~0			-0.9	0.4	0.5	0.7	1.6	2.8				
0~20			-0.9	0.1	0.3	0.6	1.3	2.9				
20~40			-1.0	0.2	0.4	0.7	2.1	2.8				
40~60			-0.9	0.1	0.7	1.2	2.1	3.6				
60~80			-0.9	0.2	0.5	1.1	2.4	3.6				
80~100												
100~120												
120~140												