

H-ZF11			699301			n <sub>d</sub> = 1.698940		v <sub>d</sub> = 30.05		n <sub>F</sub> - n <sub>C</sub> = 0.023259	
						n <sub>e</sub> = 1.704431		v <sub>e</sub> = 29.81		n <sub>F'</sub> - n <sub>C'</sub> = 0.023628	
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>	0.2191	P' <sub>s,t</sub>	0.2157	λ (nm)	τ (5mm)	τ (10mm)		
n <sub>2325.42</sub>	2325.42	1.653752	P <sub>C,s</sub>	0.4739	P' <sub>C',s</sub>	0.5110	2400	0.915	0.838		
n <sub>1970.09</sub>	1970.09	1.659667	P <sub>d,C</sub>	0.2897	P' <sub>d,C'</sub>	0.2407	2200	0.943	0.889		
n <sub>1529.58</sub>	1529.58	1.666431	P <sub>e,d</sub>	0.2361	P' <sub>e,d</sub>	0.2324	2000	0.972	0.945		
n <sub>1060.0</sub>	1060.0	1.674944	P <sub>g,F</sub>	0.6029	P' <sub>g,F'</sub>	0.5334	1800	0.984	0.968		
n <sub>t</sub>	1013.98	1.676081	P <sub>i,h</sub>	1.0183	P' <sub>i,h</sub>	1.0024	1600	0.995	0.990		
n <sub>s</sub>	852.11	1.681178	异常色散 Abnormal Dispersions				1400	0.996	0.993		
n <sub>r</sub>	706.52	1.688512					ΔP <sub>C,t</sub>	0.0052	ΔP <sub>C,s</sub>	0.0012	1200
n <sub>C</sub>	656.27	1.692201	ΔP <sub>F,e</sub>	0.0010	ΔP <sub>g,F</sub>	0.0084	1060	0.999	0.998		
n <sub>C'</sub>	643.85	1.693253	着色度 Color Code				1000	0.999	0.998		
n <sub>He-Ne</sub>	632.8	1.694243					λ <sub>80</sub> /λ <sub>5</sub>	395/360		950	0.999
n <sub>D</sub>	589.29	1.698738	λ <sub>70</sub> /λ <sub>5</sub>			900	0.999	0.998			
n <sub>d</sub>	587.56	1.698940	热性质 Thermal Properties				850	0.999	0.998		
n <sub>e</sub>	546.07	1.704431					T <sub>g</sub> (°C)	576		800	0.999
n <sub>F</sub>	486.13	1.715460	T <sub>s</sub> (°C)	613		700	0.998	0.996			
n <sub>F'</sub>	479.99	1.716881	T <sub>10</sub> <sup>14.5</sup> (°C)	517		650	0.998	0.996			
n <sub>g</sub>	435.83	1.729483	T <sub>10</sub> <sup>13</sup> (°C)	551		600	0.998	0.996			
n <sub>h</sub>	404.66	1.742000	T <sub>10</sub> <sup>7.6</sup> (°C)	672		550	0.997	0.994			
n <sub>i</sub>	365.01	1.765684	α <sub>30/70°C</sub> (10 <sup>-7</sup> /K)	90		500	0.995	0.990			
n <sub>313.18</sub>	313.18		α <sub>100/300°C</sub> (10 <sup>-7</sup> /K)	113		480	0.994	0.988			
n <sub>302.15</sub>	302.15		λ[W/(m·K)]			460	0.992	0.984			
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.989	0.978		
							K <sub>1</sub>	1.59868051E+00		Grade	
L <sub>1</sub>	1.26057844E-02		D <sub>w</sub>	1		400	0.965	0.932			
K <sub>2</sub>	1.89448887E-01		D <sub>A</sub>	1		390	0.935	0.875			
L <sub>2</sub>	6.17894718E-02		CR	1		380	0.851	0.725			
K <sub>3</sub>	1.26870155E+00		RC(S)	2		370	0.615	0.378			
L <sub>3</sub>	1.21376823E+02		RA(S)	1		360	0.184	0.034			
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350				
							D <sub>0</sub>	-5.39E-06		H <sub>k</sub> (10 <sup>7</sup> Pa)	521
D <sub>1</sub>	1.28E-08		D <sub>A</sub>	1		F <sub>A</sub>	175				
D <sub>2</sub>	-5.25E-11		CR	1		E (10 <sup>7</sup> Pa)	8410				
E <sub>0</sub>	9.07E-07		RC(S)	2		G (10 <sup>7</sup> Pa)	3371				
E <sub>1</sub>	9.29E-10		RA(S)	1		μ	0.248				
λ <sub>TK</sub> (μm)	0.278					B (10 <sup>-12</sup> /Pa)	2.73				
折射率温度系数 Temperature Coefficients of Refractive Index			其他性质 Other Properties				ρ (g/cm <sup>3</sup> )		2.95		
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	-1.2	-0.4	0.0	0.2	1.1	2.1					
-40~-20	-1.2	-0.1	0.1	0.5	1.4	2.4					
-20~0	-1.1	0.0	0.2	0.7	1.6	2.8					
0~20	-1.0	0.0	0.4	0.8	1.9	2.9					
20~40	-0.9	0.1	0.5	1.0	2.1	3.3					
40~60	-0.8	0.1	0.6	1.1	2.2	3.5					
60~80	-0.7	0.4	0.7	1.3	2.3	3.8					
80~100	-0.6	0.4	0.8	1.3	2.4	3.9					
100~120	-0.8	0.1	0.6	1.1	2.1	3.7					
120~140	-0.9	0.3	0.7	1.2	2.5	4.1					