

D-ZF93			002207			n <sub>d</sub> = 2.001700		v <sub>d</sub> = 20.70		n <sub>F</sub> - n <sub>C</sub> = 0.048391	
						n <sub>e</sub> = 2.013051		v <sub>e</sub> = 20.52		n <sub>F'</sub> - n <sub>C'</sub> = 0.049359	
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>	0.1924	P' <sub>s,t</sub>	0.1886	λ (nm)	τ (5mm)	τ (10mm)		
n <sub>2325.42</sub>	2325.42	1.925008	P <sub>C,s</sub>	0.4426	P' <sub>C',s</sub>	0.4766	2400	0.854	0.730		
n <sub>1970.09</sub>	1970.09	1.932540	P <sub>d,C</sub>	0.2818	P' <sub>d,C'</sub>	0.2336	2200	0.947	0.896		
n <sub>1529.58</sub>	1529.58	1.941773	P <sub>e,d</sub>	0.2346	P' <sub>e,d</sub>	0.2300	2000	0.981	0.962		
n <sub>1060.0</sub>	1060.0	1.955344	P <sub>g,F</sub>	0.6389	P' <sub>g,F'</sub>	0.5641	1800	0.992	0.985		
n <sub>t</sub>	1013.98	1.957337	P <sub>i,h</sub>		P' <sub>i,h</sub>		1600	0.997	0.994		
n <sub>s</sub>	852.11	1.966646	异常色散 Abnormal Dispersions				1400	0.998	0.996		
n <sub>r</sub>	706.52	1.980755					ΔP <sub>C,t</sub>	-0.0088	ΔP <sub>C,s</sub>	-0.0080	1200
n <sub>C</sub>	656.27	1.988065	ΔP <sub>F,e</sub>	0.0055	ΔP <sub>g,F</sub>	0.0285	1060	0.999	0.998		
n <sub>C'</sub>	643.85	1.990170	着色度 Color Code				1000	0.998	0.997		
n <sub>He-Ne</sub>	632.8	1.992160					λ <sub>80</sub> /λ <sub>5</sub>				950
n <sub>D</sub>	589.29	2.001287	λ <sub>70</sub> /λ <sub>5</sub>	470/405			900	0.998	0.996		
n <sub>d</sub>	587.56	2.001700	热性质 Thermal Properties				850	0.997	0.995		
n <sub>e</sub>	546.07	2.013051					T <sub>g</sub> (°C)	439			800
n <sub>F</sub>	486.13	2.036456	T <sub>s</sub> (°C)	462			700	0.994	0.989		
n <sub>F'</sub>	479.99	2.039529	T <sub>10</sub> <sup>14.5</sup> (°C)	408			650	0.994	0.988		
n <sub>g</sub>	435.83	2.067374	T <sub>10</sub> <sup>13</sup> (°C)	428			600	0.993	0.986		
n <sub>h</sub>	404.66		T <sub>10</sub> <sup>7.6</sup> (°C)	496			550	0.988	0.976		
n <sub>i</sub>	365.01		α <sub>30/70°C</sub> (10 <sup>-7</sup> /K)	78			500	0.958	0.918		
n <sub>313.18</sub>	313.18		α <sub>100/300°C</sub> (10 <sup>-7</sup> /K)	94			480	0.927	0.859		
n <sub>302.15</sub>	302.15		λ[W/(m·K)]				460	0.869	0.755		
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.758	0.575		
							Grade				420
K <sub>1</sub>	1.51323628E+00		Grade				400	0.134	0.018		
L <sub>1</sub>	1.06262695E+02						D <sub>w</sub>	1			390
K <sub>2</sub>	2.16740096E+00		D <sub>A</sub>	4			380				
L <sub>2</sub>	1.42318570E-02		CR	1			370				
K <sub>3</sub>	6.06108042E-01		RC(S)	1			360				
L <sub>3</sub>	6.66586743E-02		RA(S)	4			350				
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				340				
							H <sub>k</sub> (10 <sup>7</sup> Pa)	440			330
D <sub>0</sub>	1.28E-05		温度范围 (°C) dn/dt relative(10 <sup>-6</sup> /°C)				F <sub>A</sub>	250			
D <sub>1</sub>	3.34E-08						Range of Temperature	t	C'	d	e
D <sub>2</sub>	-1.53E-10		-60~-40								
E <sub>0</sub>	2.75E-06		-40~-20	10.8	14.9	16.3	18.2	23.0	29.2		
E <sub>1</sub>	2.52E-09		-20~0	12.1	16.2	18.0	20.1	24.5	31.4		
λ <sub>TK</sub> (μm)	0.299		0~20	12.1	16.7	18.7	20.8	26.3	32.5		
折射率温度系数 Temperature Coefficients of Refractive Index			20~40	13.9	18.0	20.4	22.5	28.1	35.1		
			40~60	13.9	19.1	20.5	22.4	28.2	35.1		
其他性质 Other Properties			60~80	14.3	19.3	21.3	23.7	29.4	37.1		
			80~100								
备注 Remarks			100~120								
			120~140								
*: 退火速率 anneal rate 4°C/h			ρ (g/cm <sup>3</sup> )				6.11				