

D-ZF93-25			000207			n <sub>d</sub> = 1.999800		v <sub>d</sub> = 20.69		n <sub>F</sub> - n <sub>C</sub> = 0.048331	
						n <sub>e</sub> = 2.011137		v <sub>e</sub> = 20.51		n <sub>F'</sub> - n <sub>C'</sub> = 0.049298	
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>	0.1922	P' <sub>s,t</sub>	0.1885	λ (nm)	τ (5mm)	τ (10mm)		
n <sub>2325.42</sub>	2325.42	1.923233	P <sub>C,s</sub>	0.4425	P' <sub>C',s</sub>	0.4764	2400	0.854	0.730		
n <sub>1970.09</sub>	1970.09	1.930761	P <sub>d,C</sub>	0.2817	P' <sub>d,C'</sub>	0.2336	2200	0.947	0.896		
n <sub>1529.58</sub>	1529.58	1.939978	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	1.953517	P <sub>g,F</sub>	0.6387	P' <sub>g,F'</sub>	0.5640	1800	0.992	0.985		
n <sub>t</sub>	1013.98	1.955507	P <sub>i,h</sub>		P' <sub>i,h</sub>		1600	0.997	0.994		
n <sub>s</sub>	852.11	1.964798	异常色散 Abnormal Dispersions				1400	0.998	0.996		
n <sub>r</sub>	706.52	1.978883					ΔP <sub>C,t</sub>	-0.0090	ΔP <sub>C,s</sub>	-0.0082	1200
n <sub>C</sub>	656.27	1.986183	ΔP <sub>F,e</sub>	0.0055	ΔP <sub>g,F</sub>	0.0283	1060	0.999	0.998		
n <sub>C'</sub>	643.85	1.988285	着色度 Color Code				1000	0.998	0.997		
n <sub>He-Ne</sub>	632.8	1.990272					λ <sub>80</sub> /λ <sub>5</sub>				950
n <sub>D</sub>	589.29	1.999388	λ <sub>70</sub> /λ <sub>5</sub>	470/405			900	0.998	0.996		
n <sub>d</sub>	587.56	1.999800	热性质 Thermal Properties				850	0.997	0.995		
n <sub>e</sub>	546.07	2.011137					T <sub>g</sub> (°C)	439			800
n <sub>F</sub>	486.13	2.034514	T <sub>s</sub> (°C)	462			700	0.994	0.989		
n <sub>F'</sub>	479.99	2.037583	T <sub>10</sub> <sup>14.5</sup> (°C)	408			650	0.994	0.988		
n <sub>g</sub>	435.83	2.065385	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>	1.43302280E+00		Grade				400	0.134	0.018		
L <sub>1</sub>	1.01185435E+02						D <sub>w</sub>	1			390
K <sub>2</sub>	2.13630545E+00		D <sub>A</sub>	4			380				
L <sub>2</sub>	1.38161232E-02		CR	1			370				
K <sub>3</sub>	6.30184037E-01		RC(S)	1			360				
L <sub>3</sub>	6.58578450E-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				
							330				
D <sub>0</sub>	1.28E-05		机械性质 Mechanical Properties				320				
D <sub>1</sub>	3.34E-08						H <sub>k</sub> (10 <sup>7</sup> Pa)	440			310
D <sub>2</sub>	-1.53E-10		机械性质 Mechanical Properties				F <sub>A</sub>	250			
E <sub>0</sub>	2.75E-06						E (10 <sup>7</sup> Pa)	7795			G (10 <sup>7</sup> Pa)
E <sub>1</sub>	2.52E-09		机械性质 Mechanical Properties				μ	0.268			
λ <sub>TK</sub> (μm)	0.299						B (10 <sup>-12</sup> /Pa)	1.20			其他性质 Other Properties
折射率温度系数 Temperature Coefficients of Refractive Index			机械性质 Mechanical Properties				ρ (g/cm <sup>3</sup> )		6.11		
							温度范围 (°C)		dn/dt relative(10 <sup>-6</sup> /°C)		
Range of Temperature		t	C'	d	e	F'	g	备注 Remarks			
-60~-40											
-40~-20		10.8	14.9	16.3	18.2	23.0	29.2	**: 退火速率 anneal rate 25°C/h			
-20~0		12.1	16.2	18.0	20.1	24.5	31.4				
0~20		12.1	16.7	18.7	20.8	26.3	32.5	其他性质 Other Properties			
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	备注 Remarks			
60~80		14.3	19.3	21.3	23.7	29.4	37.1				
80~100								备注 Remarks			
100~120											
120~140								备注 Remarks			