

D-ZLaF52LA-25			809410		n <sub>d</sub> = 1.808820		v <sub>d</sub> = 40.97		n <sub>F</sub> - n <sub>C</sub> = 0.019741	
					n <sub>e</sub> = 1.813508		v <sub>e</sub> = 40.71		n <sub>F'</sub> - n <sub>C'</sub> = 0.019981	
<b>折射率 Refractive Index**</b>			<b>相对部分色散 Relative Partial Dispersions</b>				<b>内部透射率 Internal Transmittance T</b>			
	λ (nm)		P <sub>s,t</sub>	0.2428	P' <sub>s,t</sub>	0.2399	λ (nm)	τ (5mm)	τ (10mm)	
n <sub>2325.42</sub>	2325.42	1.763997	P <sub>C,s</sub>	0.5016	P' <sub>C',s</sub>	0.5418	2400	0.870	0.750	
n <sub>1970.09</sub>	1970.09	1.770865	P <sub>d,C</sub>	0.2968	P' <sub>d,C'</sub>	0.2471	2200	0.961	0.924	
n <sub>1529.58</sub>	1529.58	1.778425	P <sub>e,d</sub>	0.2375	P' <sub>e,d</sub>	0.2346	2000	0.984	0.969	
n <sub>1060.0</sub>	1060.0	1.787165	P <sub>g,F</sub>	0.5701	P' <sub>g,F'</sub>	0.5050	1800	0.996	0.992	
n <sub>t</sub>	1013.98	1.788264	P <sub>i,h</sub>	0.8616	P' <sub>i,h</sub>	0.8513	1600	0.999	0.998	
n <sub>s</sub>	852.11	1.793057	<b>异常色散 Abnormal Dispersions</b>				1400	0.998	0.996	
n <sub>r</sub>	706.52	1.799696					ΔP <sub>C,t</sub>	0.0051	ΔP <sub>C,s</sub>	0.0030
n <sub>C</sub>	656.27	1.802960	ΔP <sub>F,e</sub>	-0.0016	ΔP <sub>g,F</sub>	-0.0058	1060	0.999	0.998	
n <sub>C'</sub>	643.85	1.803883	<b>着色度 Color Code</b>				1000	0.999	0.998	
n <sub>He-Ne</sub>	632.8	1.804748					λ <sub>80</sub> /λ <sub>5</sub>	400/340		950
n <sub>D</sub>	589.29	1.808646	λ <sub>70</sub> /λ <sub>5</sub>			900	0.999	0.998		
n <sub>d</sub>	587.56	1.808820	<b>热性质 Thermal Properties</b>				850	0.999	0.998	
n <sub>e</sub>	546.07	1.813508					T <sub>g</sub> (°C)	546		800
n <sub>F</sub>	486.13	1.822701	T <sub>s</sub> (°C)	582		700	0.998	0.997		
n <sub>F'</sub>	479.99	1.823864	T <sub>10</sub> <sup>14.5</sup> (°C)	506		650	0.998	0.996		
n <sub>g</sub>	435.83	1.833955	T <sub>10</sub> <sup>13</sup> (°C)	538		600	0.997	0.995		
n <sub>h</sub>	404.66	1.843568	T <sub>10</sub> <sup>7.6</sup> (°C)	644		550	0.997	0.995		
n <sub>i</sub>	365.01	1.860577	α <sub>30/70°C</sub> (10 <sup>-7</sup> /K)	66		500	0.995	0.990		
n <sub>313.18</sub>	313.18		α <sub>100/300°C</sub> (10 <sup>-7</sup> /K)	83		480	0.992	0.985		
n <sub>302.15</sub>	302.15		λ[W/(m·K)]			460	0.990	0.980		
<b>色散公式常数 Constants of Dispersion Formula</b>			<b>化学性质 Chemical Properties</b>				440	0.986	0.972	
							K <sub>1</sub>	1.85743559E+00		Grade
L <sub>1</sub>	9.62363637E-03		D <sub>w</sub>	1		400	0.968	0.937		
K <sub>2</sub>	3.23469816E-01		D <sub>A</sub>	6		390	0.955	0.913		
L <sub>2</sub>	3.98398385E-02		CR	1		380	0.933	0.870		
K <sub>3</sub>	1.28949460E+00		RC(S)	1		370	0.890	0.790		
L <sub>3</sub>	9.84654718E+01		RA(S)	3		360	0.800	0.640		
<b>折射率温度系数常数 Constants of dn/dt</b>			<b>机械性质 Mechanical Properties</b>				350	0.610	0.380	
							D <sub>0</sub>	5.23E-06		H <sub>k</sub> (10 <sup>7</sup> Pa)
D <sub>1</sub>	1.56E-08		D <sub>w</sub>	1		330				
D <sub>2</sub>	-3.55E-11		D <sub>A</sub>	6		320				
E <sub>0</sub>	8.33E-07		CR	1		310				
E <sub>1</sub>	7.37E-10		RC(S)	1		300				
λ <sub>TK</sub> (μm)	0.217		RA(S)	3		290				
<b>折射率温度系数 Temperature Coefficients of Refractive Index</b>			<b>其他性质 Other Properties</b>				E (10 <sup>7</sup> Pa)	11506		
							G (10 <sup>7</sup> Pa)	4427		μ
<b>温度范围 (°C)</b>	<b>dn/dt relative(10<sup>-6</sup>/°C)</b>						B (10 <sup>-12</sup> /Pa)	1.98		
<b>Range of Temperature</b>							<b>t</b>	<b>C'</b>	<b>d</b>	<b>e</b>
-60~-40	4.9	5.8	6.1	6.3	7.2	7.8	<b>备注 Remarks</b>			
-40~-20	5.0	6.0	6.2	6.6	7.5	8.3				
-20~0	5.1	6.0	6.4	6.7	7.5	8.5	**: 退火速率 anneal rate 25°C/h			
0~20	5.3	6.1	6.7	6.9	7.7	8.6				
20~40	5.5	6.4	7.0	7.3	8.1	8.9	<b>密度 ρ (g/cm<sup>3</sup>)</b>			
40~60	5.7	6.8	7.1	7.4	8.4	9.4				4.56
60~80	5.7	6.9	7.2	7.5	8.5	9.6	<b>备注 Remarks</b>			
80~100	5.9	6.9	7.3	7.8	8.8	9.8				**: 退火速率 anneal rate 25°C/h
100~120	5.9	7.0	7.4	8.0	9.1	9.9				
120~140	6.0	7.2	7.6	8.1	9.2	10.3				