

D-LaF50-25			773495		n <sub>d</sub> = 1.772880		v <sub>d</sub> = 49.52		n <sub>F</sub> - n <sub>C</sub> = 0.015608				
					n <sub>e</sub> = 1.776597		v <sub>e</sub> = 49.25		n <sub>F'</sub> - n <sub>C'</sub> = 0.015768				
<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>	0.2562	P' <sub>s,t</sub>	0.2536	λ (nm)	τ (5mm)	τ (10mm)				
n <sub>2325.42</sub>	2325.42	1.734504	P <sub>C,s</sub>	0.5167	P' <sub>C',s</sub>	0.5585	2400	0.890	0.792				
n <sub>1970.09</sub>	1970.09	1.740776	P <sub>d,C</sub>	0.3005	P' <sub>d,C'</sub>	0.2504	2200	0.970	0.941				
n <sub>1529.58</sub>	1529.58	1.747590	P <sub>e,d</sub>	0.2381	P' <sub>e,d</sub>	0.2357	2000	0.988	0.976				
n <sub>1060.0</sub>	1060.0	1.755196	P <sub>g,F</sub>	0.5548	P' <sub>g,F'</sub>	0.4919	1800	0.996	0.993				
n <sub>t</sub>	1013.98	1.756126	P <sub>i,h</sub>	0.8012	P' <sub>i,h</sub>	0.7931	1600	0.998	0.997				
n <sub>s</sub>	852.11	1.760125	<b>异常色散 Abnormal Dispersions</b>				1400	0.999	0.998				
n <sub>r</sub>	706.52	1.765554					ΔP <sub>C,t</sub>	-0.0066	ΔP <sub>C,s</sub>	-0.0021	1200	0.999	0.998
n <sub>C</sub>	656.27	1.768190	ΔP <sub>F,e</sub>	-0.0012	ΔP <sub>g,F</sub>	-0.0066	1060	0.999	0.998				
n <sub>C'</sub>	643.85	1.768932	<b>着色度 Color Code</b>				1000	0.999	0.998				
n <sub>He-Ne</sub>	632.8	1.769627					λ <sub>80</sub> /λ <sub>5</sub>	380/310			950	0.999	0.998
n <sub>D</sub>	589.29	1.772742	λ <sub>70</sub> /λ <sub>5</sub>				900	0.999	0.998				
n <sub>d</sub>	587.56	1.772880	<b>热性质 Thermal Properties</b>				850	0.999	0.998				
n <sub>e</sub>	546.07	1.776597					T <sub>g</sub> (°C)	573			800	0.999	0.998
n <sub>F</sub>	486.13	1.783798	T <sub>s</sub> (°C)	613			700	0.998	0.997				
n <sub>F'</sub>	479.99	1.784700	T <sub>10</sub> <sup>14.5</sup> (°C)	523			650	0.998	0.997				
n <sub>g</sub>	435.83	1.792457	T <sub>10</sub> <sup>13</sup> (°C)	557			600	0.998	0.996				
n <sub>h</sub>	404.66	1.799714	T <sub>10</sub> <sup>7.6</sup> (°C)	671			550	0.998	0.996				
n <sub>i</sub>	365.01	1.812219	α <sub>30/70°C</sub> (10 <sup>-7</sup> /K)	73			500	0.998	0.996				
n <sub>313.18</sub>	313.18	1.838182	α <sub>100/300°C</sub> (10 <sup>-7</sup> /K)	89			480	0.997	0.995				
n <sub>302.15</sub>	302.15	1.846019	λ[W/(m·K)]				460	0.996	0.993				
<b>色散公式常数 Constants of Dispersion Formula</b>			<b>化学性质 Chemical Properties</b>				440	0.995	0.990				
							K <sub>1</sub>	7.34700246E-01		Grade		420	0.993
L <sub>1</sub>	2.26667460E-02		D <sub>w</sub>				400	0.989	0.979				
K <sub>2</sub>	1.33716574E+00						1		390	0.985	0.970		
L <sub>2</sub>	6.01676900E-03		D <sub>A</sub>				380	0.977	0.955				
K <sub>3</sub>	1.13513348E+00						3		370	0.962	0.925		
L <sub>3</sub>	9.57512696E+01		CR				360	0.932	0.869				
<b>折射率温度系数常数 Constants of dn/dt</b>							RC(S)				350	0.884	0.782
			D <sub>0</sub>	1.53E-06		1					340	0.809	0.655
D <sub>1</sub>	1.43E-08		RA(S)				330	0.706	0.498				
D <sub>2</sub>	-3.83E-11						4		320	0.576	0.332		
E <sub>0</sub>	5.87E-07						310	0.367	0.135				
E <sub>1</sub>	4.10E-10						1		300	0.277	0.077		
λ <sub>TK</sub> (μm)	0.222		<b>机械性质 Mechanical Properties</b>				290						
<b>折射率温度系数 Temperature Coefficients of Refractive Index</b>							<b>dn/dt relative(10<sup>-6</sup>/°C)</b>				280		
			<b>温度范围 (°C)</b>		<b>t</b>						<b>C'</b>		<b>d</b>
-60~-40		2.7					3.2	3.5	3.6	4.3			
-40~-20		2.7	3.2	3.5	3.7	4.3	4.8	F <sub>A</sub>		110			
-20~0		2.7	3.3	3.6	3.7	4.3	4.9	E (10 <sup>7</sup> Pa)		12098			
0~20		2.8	3.3	3.6	3.7	4.3	5.1	G (10 <sup>7</sup> Pa)		4645			
20~40		3.0	3.7	3.9	4.3	4.8	5.5	μ		0.302			
40~60		3.0	3.7	4.0	4.3	4.9	5.5	B (10 <sup>-12</sup> /Pa)		1.36			
60~80		3.0	3.8	4.0	4.3	4.9	5.5	<b>其他性质 Other Properties</b>					
80~100		3.3	4.0	4.1	4.5	5.1	5.8				ρ (g/cm <sup>3</sup> )		4.93
100~120		3.3	4.0	4.1	4.5	5.2	5.8	<b>备注 Remarks</b>					
120~140		3.3	4.0	4.1	4.5	5.2	5.8				**：退火速率 anneal rate 25°C/h		