

H-F5			624359				n <sub>d</sub> = 1.624350		v <sub>d</sub> = 35.92		n <sub>F</sub> - n <sub>C</sub> = 0.017380	
							n <sub>e</sub> = 1.628462		v <sub>e</sub> = 35.66		n <sub>F'</sub> - n <sub>C'</sub> = 0.017626	
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>	0.2354	P' <sub>s,t</sub>	0.2322	λ (nm)	τ (5mm)	τ (10mm)			
n <sub>2325.42</sub>	2325.42	1.586062	P <sub>C,s</sub>	0.4901	P' <sub>C',s</sub>	0.5286	2400	0.940	0.883			
n <sub>1970.09</sub>	1970.09	1.591856	P <sub>d,C</sub>	0.2932	P' <sub>d,C'</sub>	0.2437	2200	0.949	0.901			
n <sub>1529.58</sub>	1529.58	1.598269	P <sub>e,d</sub>	0.2366	P' <sub>e,d</sub>	0.2333	2000	0.980	0.960			
n <sub>1060.0</sub>	1060.0	1.605708	P <sub>g,F</sub>	0.5891	P' <sub>g,F'</sub>	0.5216	1800	0.989	0.977			
n <sub>t</sub>	1013.98	1.606645	P <sub>i,h</sub>	0.9587	P' <sub>i,h</sub>	0.9454	1600	0.996	0.992			
n <sub>s</sub>	852.11	1.610737	异常色散 Abnormal Dispersions				1400	0.996	0.992			
n <sub>r</sub>	706.52	1.616436					ΔP <sub>C,t</sub>	0.0100	ΔP <sub>C,s</sub>	0.0034	1200	0.999
n <sub>C</sub>	656.27	1.619255	ΔP <sub>F,e</sub>	0.0003	ΔP <sub>g,F</sub>	0.0046	1060	0.999	0.998			
n <sub>C'</sub>	643.85	1.620054	着色度 Color Code				1000	0.999	0.998			
n <sub>He-Ne</sub>	632.8	1.620805					λ <sub>80</sub> /λ <sub>5</sub>	385/355		950	0.999	0.998
n <sub>D</sub>	589.29	1.624198	λ <sub>70</sub> /λ <sub>5</sub>			900	0.999	0.998				
n <sub>d</sub>	587.56	1.624350	热性质 Thermal Properties				850	0.999	0.998			
n <sub>e</sub>	546.07	1.628462					T <sub>g</sub> (°C)	610		800	0.999	0.998
n <sub>F</sub>	486.13	1.636635	T <sub>s</sub> (°C)	637		700	0.999	0.998				
n <sub>F'</sub>	479.99	1.637680	T <sub>10</sub> <sup>14.5</sup> (°C)	535		650	0.999	0.997				
n <sub>g</sub>	435.83	1.646874	T <sub>10</sub> <sup>13</sup> (°C)	575		600	0.998	0.996				
n <sub>h</sub>	404.66	1.655875	T <sub>10</sub> <sup>7.6</sup> (°C)	722		550	0.997	0.995				
n <sub>i</sub>	365.01	1.672538	α <sub>30/70</sub> (10 <sup>-7</sup> /K)	78		500	0.997	0.994				
n <sub>313.18</sub>	313.18		α <sub>100/300</sub> (10 <sup>-7</sup> /K)	97		480	0.996	0.993				
n <sub>302.15</sub>	302.15		λ[W/(m·K)]			460	0.996	0.992				
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.995	0.990			
							K <sub>1</sub>	1.43541709E+00		Grade	420	0.994
L <sub>1</sub>	1.08394789E-02		D <sub>w</sub>	2		400	0.985	0.970				
K <sub>2</sub>	1.33104631E-01		D <sub>A</sub>	1		390	0.969	0.938				
L <sub>2</sub>	5.81528460E-02		CR	1		380	0.920	0.846				
K <sub>3</sub>	1.22151860E+00		RC(S)	2		370	0.770	0.593				
L <sub>3</sub>	1.20768299E+02		RA(S)	1		360	0.390	0.152				
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350					
							D <sub>0</sub>	-7.35E-07		H <sub>k</sub> (10 <sup>7</sup> Pa)	526	
D <sub>1</sub>	1.37E-08		D <sub>A</sub>	1		F <sub>A</sub>	148					
D <sub>2</sub>	-1.86E-11		CR	1		E (10 <sup>7</sup> Pa)	8057					
E <sub>0</sub>	7.71E-07		RC(S)	2		G (10 <sup>7</sup> Pa)	3268					
E <sub>1</sub>	6.53E-10		RA(S)	1		μ	0.233					
λ <sub>TK</sub> (μm)	0.265						B (10 <sup>-12</sup> /Pa)					
折射率温度系数 Temperature Coefficients of Refractive Index							其他性质 Other Properties					
温度范围 (°C)			dn/dt relative(10 <sup>-6</sup> /°C)				ρ (g/cm <sup>3</sup> )		2.69			
Range of Temperature			t	C'	d	e	F'	g	备注 Remarks			
-60~-40			1.4	2.1	2.4	2.6	3.3	4.0				
-40~-20			1.4	2.2	2.5	2.7	3.4	4.2				
-20~0			1.5	2.2	2.5	2.7	3.4	4.3				
0~20			1.5	2.2	2.5	2.7	3.5	4.5				
20~40			1.5	2.3	2.6	2.8	3.7	4.6				
40~60			1.6	2.4	2.7	3.0	3.9	4.8				
60~80			1.7	2.6	2.9	3.2	4.1	5.0				
80~100			1.9	2.7	3.1	3.5	4.3	5.3				
100~120			2.0	2.7	3.2	3.6	4.4	5.4				
120~140			2.0	2.9	3.2	3.7	4.5	5.5				