

H-ZLaF68N			883392				n _d = 1.883000		v _d = 39.22		n _F - n _C = 0.022515	
							n _e = 1.888345		v _e = 38.97		n _{F'} - n _{C'} = 0.022798	
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 _{s,t}	0.2360	P' _{s,t}	0.2331	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42	1.834724	P _{C,s}	0.4959	P' _{C',s}	0.5357	2400	0.906	0.821			
n _{1970.09}	1970.09	1.841618	P _{d,C}	0.2959	P' _{d,C'}	0.2463	2200	0.975	0.951			
n _{1529.58}	1529.58	1.849347	P _{e,d}	0.2374	P' _{e,d}	0.2345	2000	0.989	0.979			
n _{1060.0}	1060.0	1.858653	P _{g,F}	0.5729	P' _{g,F'}	0.5074	1800	0.997	0.995			
n _t	1013.98	1.859857	P _{i,h}	0.8705	P' _{i,h}	0.8597	1600	0.999	0.998			
n _s	852.11	1.865171	异常色散 Abnormal Dispersions				1400	0.999	0.998			
n _r	706.52	1.872640					ΔP _{C,t}	0.0009	ΔP _{C,s}	0.0015	1200	0.999
n _C	656.27	1.876337	ΔP _{F,e}	-0.0015	ΔP _{g,F}	-0.0060	1060	0.999	0.998			
n _{C'}	643.85	1.877385	着色度 Color Code				1000	0.999	0.998			
n _{He-Ne}	632.8	1.878368					λ ₈₀ /λ ₅				950	0.999
n _D	589.29	1.882802	λ ₇₀ /λ ₅	380/340			900	0.999	0.998			
n _d	587.56	1.883000	热性质 Thermal Properties				850	0.999	0.998			
n _e	546.07	1.888345					T _g (°C)	719			800	0.998
n _F	486.13	1.898852	T _s (°C)	752			700	0.997	0.995			
n _{F'}	479.99	1.900183	T ₁₀ ^{14.5} (°C)	671			650	0.997	0.995			
n _g	435.83	1.911750	T ₁₀ ¹³ (°C)	702			600	0.997	0.994			
n _h	404.66	1.922796	T ₁₀ ^{7.6} (°C)	803			550	0.997	0.994			
n _i	365.01	1.942396	α _{30/70°C} (10 ⁻⁷ /K)	58			500	0.995	0.991			
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)	86			480	0.992	0.985			
n _{302.15}	302.15		λ[W/(m·K)]				460	0.989	0.979			
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				Grade					
							D _w	1				
K ₁	1.49455025E+00		D _A	1								
L ₁	1.09762523E+02		CR	1								
K ₂	2.07574257E+00		RC(S)	1								
L ₂	1.04040770E-02		RA(S)	1								
K ₃	3.61138143E-01											
L ₃	4.12621420E-02											
折射率温度系数常数 Constants of dn/dt												
			D ₀	-9.92E-09								
D ₁	1.31E-08											
D ₂	-2.62E-11											
E ₀	7.34E-07											
E ₁	7.89E-10											
λ _{TK} (μm)	0.237											
折射率温度系数 Temperature Coefficients of Refractive Index							机械性质 Mechanical Properties					
温度范围 (°C)			dn/dt relative(10 ⁻⁶ /°C)				H _k (10 ⁷ Pa)		687			
Range of Temperature			t	C'	d	e	F'	g	F _A			
-60~-40			1.9	2.6	3.0	3.3	4.1	5.0	E (10 ⁷ Pa)			
-40~-20			2.0	2.8	3.2	3.4	4.2	5.1	G (10 ⁷ Pa)			
-20~0			2.1	2.9	3.2	3.5	4.3	5.2	μ			
0~20			2.2	3.0	3.3	3.6	4.4	5.5	B (10 ⁻¹² /Pa)			
20~40			2.3	3.1	3.4	4.0	4.8	5.9	其他性质 Other Properties			
40~60			2.4	3.5	3.8	4.2	5.0	6.0				
60~80			2.5	3.5	4.0	4.4	5.5	6.2	ρ (g/cm ³)			
80~100			2.7	3.6	4.1	4.6	5.6	6.4	5.17			
100~120			2.8	3.8	4.2	4.7	5.6	6.7	备注 Remarks			
120~140			2.8	4.0	4.3	4.6	5.7	7.0				