

H-LaK12			697562				n _d = 1.696800		ν _d = 56.18		n _F - n _C = 0.012404	
							n _e = 1.699757		ν _e = 55.95		n _{F'} - n _{C'} = 0.012506	
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}	0.2905	P' _{s,t}	0.2881	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42	1.658321	P _{C,s}	0.5447	P' _{C',s}	0.5884	2400	0.787	0.619			
n _{1970.09}	1970.09	1.665931	P _{d,C}	0.3048	P' _{d,C'}	0.2541	2200	0.944	0.890			
n _{1529.58}	1529.58	1.673862	P _{e,d}	0.2384	P' _{e,d}	0.2364	2000	0.981	0.961			
n _{1060.0}	1060.0	1.681781	P _{g,F}	0.5429	P' _{g,F'}	0.4821	1800	0.993	0.987			
n _t	1013.98	1.682660	P _{i,h}	0.7696	P' _{i,h}	0.7633	1600	0.998	0.995			
n _s	852.11	1.686263	异常色散 Abnormal Dispersions				1400	0.998	0.996			
n _r	706.52	1.690857					ΔP _{C,t}	0.0242	ΔP _{C,s}	0.0101	1200	0.999
n _C	656.27	1.693019	ΔP _{F,e}	-0.0022	ΔP _{g,F}	-0.0071	1060	0.999	0.998			
n _{C'}	643.85	1.693622	着色度 Color Code				1000	0.999	0.998			
n _{He-Ne}	632.8	1.694185					λ ₈₀ /λ ₅	365/295			950	0.999
n _D	589.29	1.696689	λ ₇₀ /λ ₅				900	0.999	0.997			
n _d	587.56	1.696800	热性质 Thermal Properties				850	0.998	0.996			
n _e	546.07	1.699757					T _g (°C)	662			800	0.998
n _F	486.13	1.705423	T _s (°C)	684			700	0.998	0.996			
n _{F'}	479.99	1.706128	T ₁₀ ^{14.5} (°C)	631			650	0.997	0.995			
n _g	435.83	1.712157	T ₁₀ ¹³ (°C)	658			600	0.997	0.994			
n _h	404.66	1.717751	T ₁₀ ^{7.6} (°C)	732			550	0.997	0.994			
n _i	365.01	1.727297	α _{30/70°C} (10 ⁻⁷ /K)	64			500	0.997	0.994			
n _{313.18}	313.18	1.746763	α _{100/300°C} (10 ⁻⁷ /K)	80			480	0.996	0.992			
n _{302.15}	302.15	1.752546	λ[W/(m·K)]				460	0.994	0.989			
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.992	0.985			
							Grade					
K ₁	7.86703112E-01		D _w	1			420	0.990	0.981			
L ₁	2.02073208E-03		D _A	3			400	0.987	0.975			
K ₂	1.21770392E+00		CR	1			390	0.983	0.967			
L ₂	8.67034790E+01		RC(S)	1			380	0.976	0.953			
K ₃	1.04086924E+00		RA(S)	6			370	0.963	0.927			
L ₃	1.63643393E-02		Grade				360	0.940	0.884			
折射率温度系数常数 Constants of dn/dt							D _w	1			350	0.902
D ₀	-1.86E-07		D _A	3			340	0.845	0.714			
D ₁	1.39E-08		CR	1			330	0.766	0.586			
D ₂	-1.79E-11		RC(S)	1			320	0.662	0.438			
E ₀	4.74E-07		RA(S)	6			310	0.533	0.284			
E ₁	4.36E-10		Grade				300	0.379	0.144			
λ _{TK} (μm)	0.167						D _w	1			290	0.202
折射率温度系数 Temperature Coefficients of Refractive Index			dn/dt relative(10 ⁻⁶ /°C)				机械性质 Mechanical Properties					
温度范围 (°C)											H _k (10 ⁷ Pa)	686
Range of Temperature			t	C'	d	e	F'	g	F _A			118
-60~-40			1.5	1.9	2.1	2.2	2.6	2.8	E (10 ⁷ Pa)			10851
-40~-20			1.5	2.0	2.1	2.3	2.6	2.9	G (10 ⁷ Pa)			4337
-20~0			1.7	2.0	2.2	2.3	2.6	3.0	μ			0.251
0~20			1.7	2.1	2.3	2.4	2.7	3.1	B (10 ⁻¹² /Pa)			1.62
20~40			1.7	2.2	2.4	2.5	2.8	3.2	其他性质 Other Properties			
40~60			1.8	2.3	2.5	2.7	3.0	3.4				ρ (g/cm ³)
60~80			2.0	2.5	2.7	2.9	3.2	3.6	备注 Remarks			
80~100			2.2	2.7	2.8	3.0	3.4	3.8				
100~120			2.3	2.7	2.9	3.1	3.5	4.0				
120~140			2.3	2.8	3.1	3.3	3.5	4.1				