

H-LaK8A			720503				n _d = 1.720000		ν _d = 50.34		n _F - n _C = 0.014302	
							n _e = 1.723405		ν _e = 50.11		n _{F'} - n _{C'} = 0.014436	
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}	0.2767	P' _{s,t}	0.2742	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42	1.678973	P _{C,s}	0.5320	P' _{C',s}	0.5747	2400	0.780	0.610			
n _{1970.09}	1970.09	1.686711	P _{d,C}	0.3025	P' _{d,C'}	0.2520	2200	0.927	0.860			
n _{1529.58}	1529.58	1.694828	P _{e,d}	0.2381	P' _{e,d}	0.2359	2000	0.978	0.957			
n _{1060.0}	1060.0	1.703156	P _{g,F}	0.5514	P' _{g,F'}	0.4893	1800	0.993	0.987			
n _t	1013.98	1.704107	P _{i,h}	0.8007	P' _{i,h}	0.7932	1600	0.999	0.998			
n _s	852.11	1.708065	异常色散 Abnormal Dispersions				1400	0.999	0.998			
n _r	706.52	1.713220					ΔP _{C,t}	0.0253	ΔP _{C,s}	0.0113	1200	0.999
n _C	656.27	1.715674	ΔP _{F,e}	-0.0027	ΔP _{g,F}	-0.0086	1060	0.999	0.998			
n _{C'}	643.85	1.716362	着色度 Color Code				1000	0.999	0.998			
n _{He-Ne}	632.8	1.717004					λ ₈₀ /λ ₅	370/315			950	0.999
n _D	589.29	1.719873	λ ₇₀ /λ ₅				900	0.999	0.998			
n _d	587.56	1.720000	热性质 Thermal Properties				850	0.999	0.998			
n _e	546.07	1.723405					T _g (°C)	632			800	0.997
n _F	486.13	1.729976	T _s (°C)	667			700	0.997	0.994			
n _{F'}	479.99	1.730798	T ₁₀ ^{14.5} (°C)	591			650	0.996	0.993			
n _g	435.83	1.737862	T ₁₀ ¹³ (°C)	626			600	0.996	0.993			
n _h	404.66	1.744479	T ₁₀ ^{7.6} (°C)	721			550	0.996	0.992			
n _i	365.01	1.755930	α _{30/70°C} (10 ⁻⁷ /K)	53			500	0.994	0.989			
n _{313.18}	313.18	1.780104	α _{100/300°C} (10 ⁻⁷ /K)	72			480	0.992	0.985			
n _{302.15}	302.15	1.787563	λ[W/(m·K)]				460	0.990	0.981			
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.988	0.976			
K ₁	1.13861881E+00						Grade				420	0.984
L ₁	8.00744660E+01		D _w	1			400	0.977	0.954			
K ₂	1.58050538E-01		D _A	3			390	0.969	0.938			
L ₂	3.68197669E-02		CR	1			380	0.955	0.912			
K ₃	1.73934635E+00		RC(S)	1			370	0.931	0.867			
L ₃	9.09531981E-03		RA(S)	3			360	0.890	0.790			
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.830	0.690			
D ₀	4.02E-06						H _k (10 ⁷ Pa)	607			340	0.720
D ₁	1.82E-08		D _w	1			330	0.550	0.300			
D ₂	-1.04E-10		D _A	3			320	0.280	0.080			
E ₀	4.87E-07		CR	1			310					
E ₁	9.07E-10		RC(S)	1			300					
λ _{TK} (μm)	0.216		RA(S)	3			290					
折射率温度系数 Temperature Coefficients of Refractive Index			其他性质 Other Properties				280					
温度范围 (°C)		dn/dt relative(10 ⁻⁶ /°C)						H _k (10 ⁷ Pa)	607			
Range of Temperature		t	C'	d	e	F'	g	F _A	105			
-60~-40								E (10 ⁷ Pa)	10941			
-40~-20		3.1	3.6	3.8	4.0	4.4	4.7	G (10 ⁷ Pa)	4233			
-20~0		3.9	4.2	4.4	4.7	5.1	5.5	μ	0.292			
0~20		4.1	4.2	4.3	4.9	5.3	5.8	B (10 ⁻¹² /Pa)	1.92			
20~40		4.2	4.7	5.0	5.2	5.7	6.0	备注 Remarks				
40~60		4.2	5.0	5.0	5.2	5.8	6.4					
60~80		4.3	5.1	5.2	5.2	5.9	6.5	ρ (g/cm ³)	3.77			
80~100												
100~120												
120~140												