

H-LaK8A			720503			n _d = 1.720000		v _d = 50.34		n _F - n _C = 0.014302	
						n _e = 1.723405		v _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
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} (10 ⁻⁷ /K)	53		500	0.994	0.989			
n _{313.18}	313.18	1.780104	α _{100/300} (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
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
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				E (10 ⁷ Pa)	10941			
							温度范围 (°C)	dn/dt relative(10 ⁻⁶ /°C)			
Range of Temperature	t	C'	d	e	F'	g	μ	0.292			
-60~-40							B (10 ⁻¹² /Pa)	1.92			
-40~-20	3.1	3.6	3.8	4.0	4.4	4.7	备注 Remarks				
-20~0	3.9	4.2	4.4	4.7	5.1	5.5					
0~20	4.1	4.2	4.3	4.9	5.3	5.8					
20~40	4.2	4.7	5.0	5.2	5.7	6.0					
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					
80~100											
100~120											
120~140											