

H-LaK8B			720503				n _d = 1.720000		v _d = 50.28		n _F - n _C = 0.014320	
							n _e = 1.723410		v _e = 50.02		n _{F'} - n _{C'} = 0.014462	
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}	0.2635	P' _{s,t}	0.2610	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42	1.682742	P _{C,s}	0.5223	P' _{C',s}	0.5645	2400	0.867	0.751			
n _{1970.09}	1970.09	1.689183	P _{d,C}	0.3013	P' _{d,C'}	0.2510	2200	0.963	0.928			
n _{1529.58}	1529.58	1.696087	P _{e,d}	0.2381	P' _{e,d}	0.2358	2000	0.986	0.972			
n _{1060.0}	1060.0	1.703544	P _{g,F}	0.5533	P' _{g,F'}	0.4907	1800	0.995	0.990			
n _t	1013.98	1.704432	P _{i,h}	0.7999	P' _{i,h}	0.7921	1600	0.998	0.997			
n _s	852.11	1.708206	异常色散 Abnormal Dispersions				1400	0.999	0.998			
n _r	706.52	1.713253					ΔP _{C,t}	0.0027	ΔP _{C,s}	0.0017	1200	0.999
n _C	656.27	1.715686	ΔP _{F,e}	-0.0016	ΔP _{g,F}	-0.0068	1060	0.999	0.998			
n _{C'}	643.85	1.716370	着色度 Color Code				1000	0.999	0.998			
n _{He-Ne}	632.8	1.717010					λ ₈₀ /λ ₅	370/305			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	1.723410					T _g (°C)	636			800	0.999
n _F	486.13	1.730006	T _s (°C)	664			700	0.999	0.998			
n _{F'}	479.99	1.730832	T ₁₀ ^{14.5} (°C)	591			650	0.999	0.998			
n _g	435.83	1.737929	T ₁₀ ¹³ (°C)	619			600	0.999	0.998			
n _h	404.66	1.744570	T ₁₀ ^{7.6} (°C)	714			550	0.999	0.998			
n _i	365.01	1.756025	α _{30/70°C} (10 ⁻⁷ /K)	76			500	0.998	0.997			
n _{313.18}	313.18	1.779918	α _{100/300°C} (10 ⁻⁷ /K)	91			480	0.997	0.995			
n _{302.15}	302.15	1.787175	λ[W/(m·K)]				460	0.996	0.993			
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.994	0.988			
							Grade			420	0.992	0.984
K ₁	1.55351121E+00		D _w	1			400	0.987	0.975			
L ₁	7.93041249E-03		D _A	3			390	0.982	0.965			
K ₂	3.42243754E-01		CR	1			380	0.974	0.948			
L ₂	2.80174591E-02		RC(S)	1			370	0.956	0.913			
K ₃	1.07011974E+00		RA(S)	4			360	0.924	0.853			
L ₃	9.02590858E+01		机械性质 Mechanical Properties				350	0.871	0.759			
折射率温度系数常数 Constants of dn/dt							D _w	1			340	0.792
			D ₀	-2.05E-07		D _A	3			330	0.677	0.459
D ₁	1.37E-08		CR	1			320	0.526	0.277			
D ₂	-3.29E-11		RC(S)	1			310	0.332	0.110			
E ₀	4.91E-07		RA(S)	4			300					
E ₁	6.32E-10		其他性质 Other Properties				290					
λ _{TK} (μm)	0.249						ρ (g/cm ³)	3.88			280	
折射率温度系数 Temperature Coefficients of Refractive Index			温度范围 (°C) Range of Temperature				dn/dt relative(10 ⁻⁶ /°C)					
温度范围 (°C)												t
-60~-40			1.4	1.9	2.1	2.3	2.6	3.0				
-40~-20			1.4	2.0	2.2	2.3	2.7	3.1				
-20~0			1.6	2.2	2.2	2.4	3.0	3.6				
0~20			1.8	2.2	2.4	2.6	3.2	3.6				
20~40			1.9	2.2	2.6	2.7	3.3	3.9				
40~60			1.9	2.4	2.7	2.9	3.4	4.1				
60~80			2.0	2.5	2.9	3.1	3.6	4.2				
80~100			2.0	2.6	2.9	3.2	3.7	4.4				
100~120			2.1	2.7	3.0	3.3	3.8	4.6				
120~140			2.2	2.8	3.1	3.5	4.0	4.7				
			备注 Remarks									