

H-LaK7A			713538				n _d = 1.713000		v _d = 53.83		n _F - n _C = 0.013245	
							n _e = 1.716157		v _e = 53.61		n _{F'} - n _{C'} = 0.013359	
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}	0.2852	P' _{s,t}	0.2828	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42	1.673161	P _{C,s}	0.5401	P' _{C',s}	0.5835	2400	0.778	0.605			
n _{1970.09}	1970.09	1.680891	P _{d,C}	0.3041	P' _{d,C'}	0.2535	2200	0.932	0.868			
n _{1529.58}	1529.58	1.688970	P _{e,d}	0.2384	P' _{e,d}	0.2363	2000	0.977	0.955			
n _{1060.0}	1060.0	1.697125	P _{g,F}	0.5452	P' _{g,F'}	0.4839	1800	0.991	0.983			
n _t	1013.98	1.698041	P _{i,h}	0.7763	P' _{i,h}	0.7697	1600	0.996	0.993			
n _s	852.11	1.701819	异常色散 Abnormal Dispersions				1400	0.996	0.993			
n _r	706.52	1.706676					ΔP _{C,t}	0.0254	ΔP _{C,s}	0.0110	1200	0.999
n _C	656.27	1.708972	ΔP _{F,e}	-0.0027	ΔP _{g,F}	-0.0088	1060	0.999	0.998			
n _{C'}	643.85	1.709614	着色度 Color Code				1000	0.999	0.998			
n _{He-Ne}	632.8	1.710213					λ ₈₀ /λ ₅	365/270			950	0.999
n _D	589.29	1.712882	λ ₇₀ /λ ₅				900	0.999	0.998			
n _d	587.56	1.713000	热性质 Thermal Properties				850	0.999	0.998			
n _e	546.07	1.716157					T _g (°C)	663			800	0.997
n _F	486.13	1.722217	T _s (°C)	690			700	0.997	0.994			
n _{F'}	479.99	1.722973	T ₁₀ ^{14.5} (°C)	618			650	0.996	0.993			
n _g	435.83	1.729438	T ₁₀ ¹³ (°C)	646			600	0.998	0.996			
n _h	404.66	1.735448	T ₁₀ ^{7.6} (°C)	736			550	0.998	0.996			
n _i	365.01	1.745730	α _{30/70} (10 ⁻⁷ /K)	55			500	0.998	0.996			
n _{313.18}	313.18	1.766804	α _{100/300} (10 ⁻⁷ /K)	73			480	0.997	0.994			
n _{302.15}	302.15	1.773094	λ[W/(m·K)]				460	0.996	0.992			
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.993	0.987			
							K ₁	1.20674811E+00		Grade		420
L ₁	8.43499012E+01		D _w	1		400	0.988	0.977				
K ₂	1.06717731E+00		D _A	3		390	0.984	0.969				
L ₂	4.38189500E-03		CR	1		380	0.978	0.956				
K ₃	8.11229515E-01		RC(S)	1		370	0.963	0.928				
L ₃	1.89828890E-02		RA(S)	3		360	0.940	0.884				
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.903	0.815			
							D ₀	1.82E-06		H _k (10 ⁷ Pa)	703	
D ₁	1.41E-08						330	0.764	0.583			
D ₂	-1.49E-11						320	0.663	0.440			
E ₀	4.32E-07						310	0.553	0.306			
E ₁	7.94E-10						300	0.445	0.198			
λ _{TK} (μm)	0.207						290	0.349	0.122			
折射率温度系数 Temperature Coefficients of Refractive Index							280	0.266	0.071			
温度范围 (°C)			dn/dt relative(10 ⁻⁶ /°C)									
Range of Temperature			t	C'	d	e	F'	g				
-60~-40			2.8	3.2	3.4	3.6	3.9	4.0				
-40~-20			2.7	2.9	3.1	3.3	3.6	4.0				
-20~0			2.7	3.0	3.2	3.4	3.7	4.0				
0~20			2.8	3.0	3.3	3.5	3.8	4.2				
20~40			3.0	3.3	3.5	3.6	4.1	4.5				
40~60			3.0	3.5	3.7	3.9	4.4	4.7				
60~80			3.2	3.8	3.9	4.1	4.7	4.9				
80~100			3.3	4.0	4.1	4.4	4.8	5.2				
100~120			3.4	4.1	4.2	4.5	5.0	5.5				
120~140			3.5	4.1	4.3	4.6	5.0	5.7				
							其他性质 Other Properties					
							ρ (g/cm ³)	3.74				
							备注 Remarks					