

H-LaF2			717479				n _d = 1.717000		v _d = 47.89		n _F - n _C = 0.014972	
							n _e = 1.720562		v _e = 47.60		n _{F'} - n _{C'} = 0.015137	
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}	0.2500	P' _{s,t}	0.2473	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42	1.681740	P _{C,s}	0.5103	P' _{C',s}	0.5514	2400	0.892	0.795			
n _{1970.09}	1970.09	1.687261	P _{d,C}	0.2991	P' _{d,C'}	0.2491	2200	0.954	0.909			
n _{1529.58}	1529.58	1.693333	P _{e,d}	0.2379	P' _{e,d}	0.2353	2000	0.981	0.962			
n _{1060.0}	1060.0	1.700276	P _{g,F}	0.5606	P' _{g,F'}	0.4969	1800	0.991	0.981			
n _t	1013.98	1.701139	P _{i,h}	0.8244	P' _{i,h}	0.8154	1600	0.997	0.993			
n _s	852.11	1.704882	异常色散 Abnormal Dispersions				1400	0.997	0.995			
n _r	706.52	1.710015					ΔP _{C,t}	-0.0116	ΔP _{C,s}	-0.0047	1200	0.999
n _C	656.27	1.712522	ΔP _{F,e}	-0.0005	ΔP _{g,F}	-0.0035	1060	0.999	0.998			
n _{C'}	643.85	1.713229	着色度 Color Code				1000	0.999	0.998			
n _{He-Ne}	632.8	1.713892					λ ₈₀ /λ ₅	380/340		950	0.999	0.998
n _D	589.29	1.716868	λ ₇₀ /λ ₅			900	0.999	0.998				
n _d	587.56	1.717000	热性质 Thermal Properties				850	0.999	0.998			
n _e	546.07	1.720562					T _g (°C)	666		800	0.999	0.998
n _F	486.13	1.727494	T _s (°C)	704		700	0.999	0.998				
n _{F'}	479.99	1.728366	T ₁₀ ^{14.5} (°C)	612		650	0.999	0.998				
n _g	435.83	1.735888	T ₁₀ ¹³ (°C)	650		420	0.999	0.998				
n _h	404.66	1.742975	T ₁₀ ^{7.6} (°C)	772		400	0.999	0.998				
n _i	365.01	1.755318	α _{30/70°C} (10 ⁻⁷ /K)	74		390	0.999	0.998				
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)	91		380	0.999	0.998				
n _{302.15}	302.15		λ[W/(m·K)]			370	0.999	0.998				
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				360	0.851	0.725			
							Grade			350	0.688	0.474
K ₁	1.62865121E+00		Grade				340	0.383	0.147			
L ₁	8.64219294E-03						D _w	1		330		
K ₂	1.11837078E+00		D _A	6		320						
L ₂	1.09900598E+02		CR	1		310						
K ₃	2.53252293E-01		RC(S)	1		300						
L ₃	3.42503107E-02		RA(S)	3		290						
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				H _k (10 ⁷ Pa)	561				
							D ₀	-4.12E-06		F _A	205	
D ₁	2.75E-08		温度范围 (°C)				E (10 ⁷ Pa)	9061				
D ₂	-1.05E-10						dn/dt relative(10 ⁻⁶ /°C)				G (10 ⁷ Pa)	3524
E ₀	8.05E-07		t	C'	d	e					F'	g
E ₁	-8.24E-10		-60~-40	-1.0	-0.6	-0.3	-0.1	0.5	0.8	B (10 ⁻¹² /Pa)	1.47	
λ _{TK} (μm)	0.107		-40~-20	-1.0	-0.6	-0.3	0.0	0.5	1.0			
折射率温度系数 Temperature Coefficients of Refractive Index			0~20	-0.6	0.1	0.6	0.7	1.4	1.8			
			20~40	-0.2	0.7	1.0	1.2	1.5	2.0			
其他性质 Other Properties			40~60	0.2	0.8	1.0	1.1	1.6	2.2			
			60~80	0.3	0.9	1.1	1.2	1.7	2.4			
备注 Remarks			80~100									
			100~120									
ρ (g/cm ³)			120~140									