

H-LaF1			694492				n _d = 1.693620		v _d = 49.19		n _F - n _C = 0.014100								
							n _e = 1.696974		v _e = 48.91		n _{F'} - n _{C'} = 0.014250								
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}	0.2578	P' _{s,t}	0.2551	λ (nm)	τ (5mm)	τ (10mm)										
n _{2325.42}	2325.42	1.658227	P _{C,s}	0.5160	P' _{C',s}	0.5575	2400	0.897	0.805										
n _{1970.09}	1970.09	1.664157	P _{d,C}	0.2998	P' _{d,C'}	0.2497	2200	0.971	0.942										
n _{1529.58}	1529.58	1.670577	P _{e,d}	0.2379	P' _{e,d}	0.2354	2000	0.989	0.979										
n _{1060.0}	1060.0	1.677632	P _{g,F}	0.5591	P' _{g,F'}	0.4957	1800	0.996	0.991										
n _t	1013.98	1.678482	P _{i,h}	0.8214	P' _{i,h}	0.8128	1600	0.997	0.994										
n _s	852.11	1.682117	异常色散 Abnormal Dispersions				1400	0.998	0.997										
n _r	706.52	1.687018					ΔP _{C,t}	-0.0042	ΔP _{C,s}	-0.0020	1200	0.999	0.999						
n _C	656.27	1.689393	ΔP _{F,e}	-0.0004	ΔP _{g,F}	-0.0028	1060	0.999	0.998										
n _{C'}	643.85	1.690062	着色度 Color Code				1000	0.999	0.998										
n _{He-Ne}	632.8	1.690688					λ ₈₀ /λ ₅	385/340			950	0.999	0.998						
n _D	589.29	1.693495	λ ₇₀ /λ ₅				900	0.999	0.998										
n _d	587.56	1.693620	热性质 Thermal Properties				850	0.999	0.998										
n _e	546.07	1.696974					T _g (°C)	640			800	0.997	0.994						
n _F	486.13	1.703493	T _s (°C)	676			700	0.997	0.994										
n _{F'}	479.99	1.704312	T ₁₀ ^{14.5} (°C)	595			650	0.997	0.995										
n _g	435.83	1.711376	T ₁₀ ¹³ (°C)	627			600	0.998	0.997										
n _h	404.66	1.718030	T ₁₀ ^{7.6} (°C)	737			550	0.998	0.996										
n _i	365.01	1.729612	α _{30/70°C} (10 ⁻⁷ /K)	71			500	0.997	0.995										
n _{313.18}	313.18		α _{100/300°C} (10 ⁻⁷ /K)	85			480	0.996	0.992										
n _{302.15}	302.15		λ[W/(m·K)]				460	0.994	0.989										
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				机械性质 Mechanical Properties												
												Grade							
K ₁	1.16155250E+00		D _w	1			H _k (10 ⁷ Pa)					613							
L ₁	1.06692961E+02		D _A	3			F _A					158							
K ₂	1.49000619E+00		CR	1			E (10 ⁷ Pa)					10138							
L ₂	7.36542430E-03		RC(S)	1			G (10 ⁷ Pa)					3933							
K ₃	3.17836401E-01		RA(S)	3			μ					0.289							
L ₃	3.13945298E-02						B (10 ⁻¹² /Pa)					1.82							
折射率温度系数常数 Constants of dn/dt			其他性质 Other Properties				备注 Remarks												
												ρ (g/cm ³)					3.85		
D ₀	1.00E-06		折射率温度系数 Temperature Coefficients of Refractive Index				温度范围 (°C) dn/dt relative(10 ⁻⁶ /°C)												
D ₁	2.31E-08											t	C'	d	e	F'	g		
D ₂	-1.60E-10											-60~-40							
E ₀	5.94E-07											-40~-20	1.5	1.8	1.9	2.4	2.7	3.1	
E ₁	-4.95E-10											-20~0	1.7	2.3	2.5	3.1	3.5	4.2	
λ _{TK} (μm)	0.215											0~20	2.4	2.9	3.2	3.3	3.9	4.4	
												20~40	2.5	3.1	3.4	3.4	4.0	4.5	
												40~60	2.6	3.1	3.5	3.7	4.1	4.6	
												60~80	2.5	3.1	3.5	3.6	4.2	4.7	
												80~100							
			100~120																
			120~140																