

H-LaF6LA			757477		n _d = 1.757000		v _d = 47.71		n _F - n _C = 0.015866			
					n _e = 1.760776		v _e = 47.47		n _{F'} - n _{C'} = 0.016027			
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}	0.2684	P' _{s,t}	0.2657	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42	1.713767	P _{C,s}	0.5243	P' _{C',s}	0.5662	2400	0.810	0.650			
n _{1970.09}	1970.09	1.721601	P _{d,C}	0.3010	P' _{d,C'}	0.2508	2200	0.950	0.902			
n _{1529.58}	1529.58	1.729912	P _{e,d}	0.2380	P' _{e,d}	0.2356	2000	0.982	0.965			
n _{1060.0}	1060.0	1.738633	P _{g,F}	0.5557	P' _{g,F'}	0.4928	1800	0.996	0.992			
n _t	1013.98	1.739647	P _{i,h}	0.8097	P' _{i,h}	0.8015	1600	0.999	0.998			
n _s	852.11	1.743906	异常色散 Abnormal Dispersions				1400	0.999	0.998			
n _r	706.52	1.749527					ΔP _{C,t}	0.0216	ΔP _{C,s}	0.0097	1200	0.999
n _C	656.27	1.752224	ΔP _{F,e}	-0.0026	ΔP _{g,F}	-0.0088	1060	0.999	0.998			
n _{C'}	643.85	1.752981	着色度 Color Code				1000	0.999	0.998			
n _{He-Ne}	632.8	1.753690					λ ₈₀ /λ ₅	390/320		950	0.999	0.998
n _D	589.29	1.756860	λ ₇₀ /λ ₅			900	0.999	0.998				
n _d	587.56	1.757000	热性质 Thermal Properties				850	0.999	0.998			
n _e	546.07	1.760776					T _g (°C)	646		800	0.999	0.998
n _F	486.13	1.768090	T _s (°C)	680		700	0.998	0.997				
n _{F'}	479.99	1.769008	T ₁₀ ^{14.5} (°C)	603		650	0.998	0.997				
n _g	435.83	1.776906	T ₁₀ ¹³ (°C)	632		600	0.998	0.997				
n _h	404.66	1.784322	T ₁₀ ^{7.6} (°C)	731		550	0.998	0.997				
n _i	365.01	1.797168	α _{30/70} (10 ⁻⁷ /K)	57		500	0.997	0.994				
n _{313.18}	313.18		α _{100/300} (10 ⁻⁷ /K)	69		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				440	0.992	0.984			
							K ₁	1.12023521E+00		Grade	420	0.988
L ₁	3.35766705E-03		D _w	1		400	0.979	0.958				
K ₂	8.97573526E-01		D _A	6		390	0.969	0.938				
L ₂	2.27710735E-02		CR	1		380	0.952	0.906				
K ₃	1.36654860E+00		RC(S)	1		370	0.924	0.853				
L ₃	9.20376324E+01		RA(S)	3		360	0.880	0.770				
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.810	0.650			
							D ₀	4.32E-06		H _k (10 ⁷ Pa)	729	
D ₁	1.59E-08		D _A	6		330	0.510	0.260				
D ₂	-1.31E-11		CR	1		320	0.260	0.070				
E ₀	6.18E-07		RC(S)	1		310						
E ₁	3.24E-10		RA(S)	3		300						
λ _{TK} (μm)	0.187						290					
折射率温度系数 Temperature Coefficients of Refractive Index			其他性质 Other Properties				ρ (g/cm ³)		4.06			
							备注 Remarks					
温度范围 (°C)			dn/dt relative(10 ⁻⁶ /°C)									
Range of Temperature			t	C'	d	e	F'	g				
-60~-40			4.2	4.7	5.0	5.3	5.7	6.2				
-40~-20			4.3	4.8	5.0	5.4	5.8	6.3				
-20~0			4.3	4.9	5.2	5.4	6.0	6.5				
0~20			4.4	5.0	5.3	5.5	6.1	6.6				
20~40			4.5	5.2	5.6	5.7	6.3	6.8				
40~60			4.6	5.5	5.8	6.0	6.5	7.0				
60~80			4.9	5.7	5.8	6.2	6.7	7.3				
80~100			5.3	5.8	6.0	6.3	6.9	7.6				
100~120			5.4	6.0	6.3	6.6	7.2	7.8				
120~140			5.6	6.2	6.5	6.8	7.4	8.3				