

D-LaF050			768493		n _d = 1.768420		v _d = 49.28		n _F - n _C = 0.015592				
					n _e = 1.772133		v _e = 49.04		n _{F'} - n _{C'} = 0.015744				
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}	0.2676	P' _{s,t}	0.2650	λ (nm)	τ (5mm)	τ (10mm)				
n _{2325.42}	2325.42	1.726544	P _{C,s}	0.5253	P' _{C',s}	0.5676	2400	0.830	0.680				
n _{1970.09}	1970.09	1.734011	P _{d,C}	0.3016	P' _{d,C'}	0.2513	2200	0.954	0.911				
n _{1529.58}	1529.58	1.741949	P _{e,d}	0.2381	P' _{e,d}	0.2358	2000	0.983	0.966				
n _{1060.0}	1060.0	1.750367	P _{g,F}	0.5524	P' _{g,F'}	0.4900	1800	0.995	0.991				
n _t	1013.98	1.751355	P _{i,h}	0.7972	P' _{i,h}	0.7895	1600	0.999	0.998				
n _s	852.11	1.755527	异常色散 Abnormal Dispersions				1400	0.999	0.998				
n _r	706.52	1.761059					ΔP _{C,t}	0.0144	ΔP _{C,s}	0.0070	1200	0.999	0.998
n _C	656.27	1.763717	ΔP _{F,e}	-0.0025	ΔP _{g,F}	-0.0094	1060	0.999	0.998				
n _{C'}	643.85	1.764463	着色度 Color Code				1000	0.999	0.998				
n _{He-Ne}	632.8	1.765161					λ ₈₀ /λ ₅	375/285		950	0.999	0.998	
n _D	589.29	1.768282	λ ₇₀ /λ ₅			900	0.999	0.998					
n _d	587.56	1.768420	热性质 Thermal Properties				850	0.999	0.998				
n _e	546.07	1.772133					T _g (°C)	610		800	0.998	0.997	
n _F	486.13	1.779309	T _s (°C)	644		700	0.998	0.997					
n _{F'}	479.99	1.780207	T ₁₀ ^{14.5} (°C)	566		650	0.998	0.996					
n _g	435.83	1.787922	T ₁₀ ¹³ (°C)	596		600	0.998	0.996					
n _h	404.66	1.795137	T ₁₀ ^{7.6} (°C)	692		550	0.998	0.996					
n _i	365.01	1.807567	α _{30/70°C} (10 ⁻⁷ /K)	57		500	0.996	0.993					
n _{313.18}	313.18	1.833401	α _{100/300°C} (10 ⁻⁷ /K)	74		480	0.995	0.990					
n _{302.15}	302.15	1.841211	λ[W/(m·K)]			460	0.993	0.987					
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.992	0.984				
							K ₁	6.53249512E-01		Grade	420	0.989	0.979
L ₁	2.36442880E-02		D _w	1		400	0.984	0.969					
K ₂	1.20557745E+00		D _A	3		390	0.979	0.959					
L ₂	8.55377962E+01		CR	1		380	0.971	0.942					
K ₃	1.40453781E+00		RC(S)	1		370	0.954	0.911					
L ₃	6.36401500E-03		RA(S)	3		360	0.927	0.860					
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.890	0.790				
							D ₀	4.01E-06		H _k (10 ⁷ Pa)	756		340
D ₁	1.55E-08		折射率温度系数 Temperature Coefficients of Refractive Index				F _A	104					
D ₂	-3.41E-11						温度范围 (°C)		dn/dt relative(10 ⁻⁶ /°C)		E (10 ⁷ Pa)	12276	
E ₀	5.74E-07		Range of Temperature	t	C'	d	e	F'	g	G (10 ⁷ Pa)	4751		
E ₁	4.46E-10		-60~-40	3.8	4.6	4.7	5.1	5.5	5.8	μ	0.292		
λ _{TK} (μm)	0.215		-40~-20	3.8	4.6	4.8	5.3	5.7	6.1	B (10 ⁻¹² /Pa)	1.75		
其他性质 Other Properties			0~-20	4.1	4.7	4.9	5.0	5.8	6.2	备注 Remarks			
			20~40	4.2	5.0	5.1	5.3	5.9	6.4			*: 退火速率 anneal rate 4°C/h	
			40~60	4.4	5.1	5.3	5.5	6.1	6.7				
			60~80	4.6	5.3	5.5	5.7	6.4	6.9				
			80~100	4.7	5.3	5.7	5.9	6.6	7.2				
			100~120	4.8	5.4	5.8	6.0	6.8	7.5				
			120~140	4.9	5.5	5.8	6.1	6.8	7.4				
				5.0	5.6	5.8	6.2	6.8	7.5				