

D-LaF79			731405			n _d = 1.730770		v _d = 40.51		n _F - n _C = 0.018040	
						n _e = 1.735052		v _e = 40.25		n _{F'} - n _{C'} = 0.018262	
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}	0.2456	P' _{s,t}	0.2426	λ (nm)	τ (5mm)	τ (10mm)		
n _{2325.42}	2325.42	1.688723	P _{C,s}	0.5028	P' _{C',s}	0.5428	2400	0.901	0.811		
n _{1970.09}	1970.09	1.695353	P _{d,C}	0.2967	P' _{d,C'}	0.2469	2200	0.972	0.944		
n _{1529.58}	1529.58	1.702631	P _{e,d}	0.2374	P' _{e,d}	0.2345	2000	0.989	0.978		
n _{1060.0}	1060.0	1.710894	P _{g,F}	0.5720	P' _{g,F'}	0.5067	1800	0.997	0.994		
n _t	1013.98	1.711918	P _{i,h}	0.8727	P' _{i,h}	0.8621	1600	0.999	0.998		
n _s	852.11	1.716348	异常色散 Abnormal Dispersions				1400	0.999	0.998		
n _r	706.52	1.722435					ΔP _{C,t}	0.0112	ΔP _{C,s}	0.0053	1200
n _C	656.27	1.725418	ΔP _{F,e}	-0.0015	ΔP _{g,F}	-0.0047	1060	0.999	0.998		
n _{C'}	643.85	1.726261	着色度 Color Code				1000	0.999	0.998		
n _{He-Ne}	632.8	1.727052					λ ₈₀ /λ ₅	395/340		950	0.999
n _D	589.29	1.730611	λ ₇₀ /λ ₅			900	0.999	0.998			
n _d	587.56	1.730770	热性质 Thermal Properties				850	0.999	0.998		
n _e	546.07	1.735052					T _g (°C)	496		800	0.999
n _F	486.13	1.743458	T _s (°C)	535		700	0.999	0.998			
n _{F'}	479.99	1.744523	T ₁₀ ^{14.5} (°C)	468		650	0.998	0.996			
n _g	435.83	1.753777	T ₁₀ ¹³ (°C)	490		600	0.997	0.995			
n _h	404.66	1.762625	T ₁₀ ^{7.6} (°C)	591		550	0.997	0.994			
n _i	365.01	1.778369	α _{30/70} (10 ⁻⁷ /K)	90		500	0.995	0.990			
n _{313.18}	313.18		α _{100/300} (10 ⁻⁷ /K)	111		480	0.993	0.986			
n _{302.15}	302.15		λ[W/(m·K)]			460	0.990	0.980			
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.986	0.972		
							K ₁	2.65304560E-01		Grade	420
L ₁	4.20844203E-02		D _w	1		400	0.967	0.935			
K ₂	1.45255299E+00		D _A	6		390	0.952	0.906			
L ₂	1.17349274E+02		CR	3		380	0.930	0.864			
K ₃	1.65170478E+00		RC(S)	1		370	0.890	0.800			
L ₃	9.35611552E-03		RA(S)	3		360	0.820	0.680			
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.670	0.450		
							D ₀			340	0.350
D ₁			D _w	1		330					
D ₂			D _A	6		320					
E ₀			CR	3		310					
E ₁			RC(S)	1		300					
λ _{TK} (μm)			RA(S)	3		290					
折射率温度系数 Temperature Coefficients of Refractive Index			Grade				280				
温度范围 (°C)			dn/dt relative(10 ⁻⁶ /°C)				其他性质 Other Properties				
Range of Temperature			t	C'	d	e					
-60~-40									H _k (10 ⁷ Pa)		
-40~-20									618		
-20~0									F _A		
0~20									158		
20~40									E (10 ⁷ Pa)		
40~60									11034		
60~80									G (10 ⁷ Pa)		
80~100									4367		
100~120									μ		
120~140									0.263		
									B (10 ⁻¹² /Pa)		
									2.08		
			备注 Remarks								
			*: 退火速率 anneal rate 4°C/h								