

D-LaF050-25			767492				n _d = 1.767090		v _d = 49.20		n _F - n _C = 0.015592	
							n _e = 1.770803		v _e = 48.96		n _{F'} - n _{C'} = 0.015745	
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}	0.2675	P' _{s,t}	0.2649	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42	1.725246	P _{C,s}	0.5253	P' _{C',s}	0.5675	2400	0.830	0.680			
n _{1970.09}	1970.09	1.732697	P _{d,C}	0.3017	P' _{d,C'}	0.2514	2200	0.954	0.911			
n _{1529.58}	1529.58	1.740623	P _{e,d}	0.2381	P' _{e,d}	0.2358	2000	0.983	0.966			
n _{1060.0}	1060.0	1.749037	P _{g,F}	0.5525	P' _{g,F'}	0.4900	1800	0.995	0.991			
n _t	1013.98	1.750025	P _{i,h}	0.7972	P' _{i,h}	0.7895	1600	0.999	0.998			
n _s	852.11	1.754196	异常色散 Abnormal Dispersions				1400	0.999	0.998			
n _r	706.52	1.759729					ΔP _{C,t}	0.0147	ΔP _{C,s}	0.0072	1200	0.999
n _C	656.27	1.762386	ΔP _{F,e}	-0.0026	ΔP _{g,F}	-0.0095	1060	0.999	0.998			
n _{C'}	643.85	1.763132	着色度 Color Code				1000	0.999	0.998			
n _{He-Ne}	632.8	1.763830					λ ₈₀ /λ ₅	375/285			950	0.999
n _D	589.29	1.766951	λ ₇₀ /λ ₅				900	0.999	0.998			
n _d	587.56	1.767090	热性质 Thermal Properties				850	0.999	0.998			
n _e	546.07	1.770803					T _g (°C)	610			800	0.998
n _F	486.13	1.777978	T _s (°C)	644			700	0.998	0.997			
n _{F'}	479.99	1.778877	T ₁₀ ^{14.5} (°C)	566			650	0.998	0.996			
n _g	435.83	1.786592	T ₁₀ ¹³ (°C)	596			600	0.998	0.996			
n _h	404.66	1.793805	T ₁₀ ^{7.6} (°C)	692			550	0.998	0.996			
n _i	365.01	1.806235	α _{30/70°C} (10 ⁻⁷ /K)	57			500	0.996	0.993			
n _{313.18}	313.18	1.832069	α _{100/300°C} (10 ⁻⁷ /K)	74			480	0.995	0.990			
n _{302.15}	302.15	1.839880	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				Grade					
												D _w
K ₁	1.22950343E+00		D _A				3					
L ₁	8.73071190E+01		CR				1					
K ₂	6.41767823E-01		RC(S)				1					
L ₂	2.37652160E-02		RA(S)				3					
K ₃	1.41136391E+00											
L ₃	6.45932700E-03											
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				H _k (10 ⁷ Pa)					756
												D ₀
D ₀	4.01E-06		E (10 ⁷ Pa)				12276					
D ₁	1.55E-08		G (10 ⁷ Pa)				4751					
D ₂	-3.41E-11		μ				0.292					
D ₂	-3.41E-11		B (10 ⁻¹² /Pa)				1.75					
E ₀	5.74E-07		其他性质 Other Properties				ρ (g/cm ³)					4.51
E ₁	4.46E-10											
λ _{TK} (μm)	0.215		备注 Remarks				**：退火速率 anneal rate 25°C/h					
折射率温度系数 Temperature Coefficients of Refractive Index												
温度范围 (°C)			dn/dt relative(10 ⁻⁶ /°C)									
Range of Temperature			t	C'	d	e	F'	g				
-60~-40			3.8	4.6	4.7	5.1	5.5	5.8				
-40~-20			3.8	4.6	4.8	5.3	5.7	6.1				
-20~0			4.1	4.7	4.9	5.0	5.8	6.2				
0~20			4.2	5.0	5.1	5.3	5.9	6.4				
20~40			4.4	5.1	5.3	5.5	6.1	6.7				
40~60			4.6	5.3	5.5	5.7	6.4	6.9				
60~80			4.7	5.3	5.7	5.9	6.6	7.2				
80~100			4.8	5.4	5.8	6.0	6.8	7.5				
100~120			4.9	5.5	5.8	6.1	6.8	7.4				
120~140			5.0	5.6	5.8	6.2	6.8	7.5				