

D-LaK5			678549		n _d = 1.677900		ν _d = 54.89		n _F - n _C = 0.012350		
					n _e = 1.680844		ν _e = 54.65		n _{F'} - n _{C'} = 0.012458		
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}	0.2829	P' _{s,t}	0.2805	λ (nm)	τ (5mm)	τ (10mm)		
n _{2325.42}	2325.42	1.641482	P _{C,s}	0.5385	P' _{C',s}	0.5817	2400	0.848	0.719		
n _{1970.09}	1970.09	1.648401	P _{d,C}	0.3039	P' _{d,C'}	0.2533	2200	0.959	0.919		
n _{1529.58}	1529.58	1.655700	P _{e,d}	0.2384	P' _{e,d}	0.2363	2000	0.986	0.972		
n _{1060.0}	1060.0	1.663159	P _{g,F}	0.5455	P' _{g,F'}	0.4842	1800	0.995	0.990		
n _t	1013.98	1.664003	P _{i,h}	0.7757	P' _{i,h}	0.7690	1600	0.998	0.997		
n _s	852.11	1.667497	异常色散 Abnormal Dispersions				1400	0.999	0.998		
n _r	706.52	1.672010					ΔP _{C,t}	0.0165	ΔP _{C,s}	0.0069	1200
n _C	656.27	1.674147	ΔP _{F,e}	-0.0020	ΔP _{g,F}	-0.0067	1060	0.999	0.998		
n _{C'}	643.85	1.674744	着色度 Color Code				1000	0.999	0.998		
n _{He-Ne}	632.8	1.675303					λ ₈₀ /λ ₅	345/265		950	0.999
n _D	589.29	1.677790	λ ₇₀ /λ ₅			900	0.999	0.998			
n _d	587.56	1.677900	热性质 Thermal Properties				850	0.999	0.998		
n _e	546.07	1.680844					T _g (°C)	539		800	0.999
n _F	486.13	1.686497	T _s (°C)	578		700	0.999	0.998			
n _{F'}	479.99	1.687202	T ₁₀ ^{14.5} (°C)	499		650	0.999	0.998			
n _g	435.83	1.693234	T ₁₀ ¹³ (°C)	525		600	0.998	0.997			
n _h	404.66	1.698839	T ₁₀ ^{7.6} (°C)	625		550	0.998	0.997			
n _i	365.01	1.708419	α _{30/70°C} (10 ⁻⁷ /K)	73		500	0.998	0.996			
n _{313.18}	313.18	1.727998	α _{100/300°C} (10 ⁻⁷ /K)	94		480	0.997	0.995			
n _{302.15}	302.15	1.733822	λ[W/(m·K)]			460	0.997	0.995			
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.997	0.994		
							K ₁	6.05031570E-01		Grade	420
L ₁	2.87640355E-08		D _w	1		400	0.996	0.993			
K ₂	1.15901922E+00		D _A	3		390	0.995	0.991			
L ₂	1.58370520E-02		CR	1		380	0.992	0.985			
K ₃	1.30308775E+00		RC(S)	4		370	0.988	0.976			
L ₃	1.01946508E+02		RA(S)	4		360	0.981	0.962			
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.966	0.933		
							D ₀	1.76E-06		H _k (10 ⁷ Pa)	647
D ₁	1.72E-08		Grade				330	0.907	0.822		
D ₂	-6.77E-11						D _w	1		320	0.854
E ₀	3.92E-07		D _A	3		310	0.783	0.613			
E ₁	6.44E-10		CR	1		300	0.694	0.482			
λ _{TK} (μm)	0.230		RC(S)	4		290	0.595	0.354			
折射率温度系数 Temperature Coefficients of Refractive Index			Grade				280	0.481	0.231		
							RA(S)	4		其他性质 Other Properties	
温度范围 (°C) Range of Temperature			dn/dt relative(10 ⁻⁶ /°C)				机械性质 Mechanical Properties				
											t
-60~-40											
-40~-20	1.8	2.4	2.6	2.7	3.2	3.6				F _A	139
-20~0	2.5	2.6	2.7	3.0	3.2	3.7				E (10 ⁷ Pa)	11292
0~20	2.7	3.0	3.3	3.4	3.7	3.8				G (10 ⁷ Pa)	4439
20~40	2.8	3.2	3.5	3.6	3.8	4.2				μ	0.272
40~60	2.9	3.3	3.5	3.7	4.0	4.5				B (10 ⁻¹² /Pa)	1.89
60~80	2.9	3.3	3.6	3.8	4.3	5.0				备注 Remarks	
80~100											
100~120										* : 退火速率 anneal rate 4°C/h	
120~140											