

D-LaK70			669554				n _d = 1.669100		v _d = 55.39		n _F - n _C = 0.012080	
					n _e = 1.671979		v _e = 55.15		n _{F'} - n _{C'} = 0.012184			
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}	0.2849	P' _{s,t}	0.2825	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42	1.633029	P _{C,s}	0.5401	P' _{C',s}	0.5835	2400	0.860	0.740			
n _{1970.09}	1970.09	1.639942	P _{d,C}	0.3041	P' _{d,C'}	0.2535	2200	0.963	0.928			
n _{1529.58}	1529.58	1.647224	P _{e,d}	0.2383	P' _{e,d}	0.2363	2000	0.988	0.976			
n _{1060.0}	1060.0	1.654627	P _{g,F}	0.5448	P' _{g,F'}	0.4836	1800	0.997	0.994			
n _t	1013.98	1.655460	P _{i,h}	0.7742	P' _{i,h}	0.7676	1600	0.999	0.998			
n _s	852.11	1.658902					1400	0.999	0.998			
n _r	706.52	1.663332	异常色散 Abnormal Dispersions				1200	0.999	0.998			
n _C	656.27	1.665426	ΔP _{C,t}	0.0178	ΔP _{C,s}	0.0074	1060	0.999	0.998			
n _{C'}	643.85	1.666011	ΔP _{F,e}	-0.0019	ΔP _{g,F}	-0.0066	1000	0.999	0.998			
n _{He-Ne}	632.8	1.666558					950	0.999	0.998			
n _D	589.29	1.668992					900	0.999	0.998			
n _d	587.56	1.669100	着色度 Color Code				850	0.999	0.998			
n _e	546.07	1.671979	λ ₈₀ /λ ₅		350/280		800	0.999	0.998			
n _F	486.13	1.677506	λ ₇₀ /λ ₅				700	0.998	0.997			
n _{F'}	479.99	1.678195					650	0.998	0.997			
n _g	435.83	1.684087					600	0.998	0.996			
n _h	404.66	1.689561					550	0.998	0.996			
n _i	365.01	1.698913	热性质 Thermal Properties				500	0.997	0.995			
n _{313.18}	313.18	1.718012	T _g (°C)		531		480	0.997	0.994			
n _{302.15}	302.15	1.723691	T _s (°C)		567		460	0.996	0.993			
			T ₁₀ ^{14.5} (°C)		488		440	0.996	0.992			
			T ₁₀ ¹³ (°C)		518		420	0.995	0.990			
色散公式常数 Constants of Dispersion Formula			T ₁₀ ^{7.6} (°C)		626		400	0.993	0.986			
K ₁	6.16886534E-01		α _{30/70°C} (10 ⁻⁷ /K)		73		390	0.995	0.990			
L ₁	2.49888602E-04		α _{100/300°C} (10 ⁻⁷ /K)		91		380	0.993	0.986			
K ₂	1.11924765E+00		λ[W/(m·K)]				370	0.981	0.963			
L ₂	1.58113883E-02						360	0.968	0.937			
K ₃	1.29814839E+00		化学性质 Chemical Properties				350	0.946	0.895			
L ₃	1.02017679E+02						340	0.906	0.821			
			Grade				330	0.840	0.710			
折射率温度系数常数 Constants of dn/dt			D _w		1		320	0.750	0.570			
D ₀	2.10E-06		D _A		6		310	0.650	0.420			
D ₁	1.31E-08		CR		1		300	0.520	0.270			
D ₂	-3.75E-11		RC(S)		1		290	0.400	0.160			
E ₀	5.42E-07		RA(S)		3		280	0.280	0.080			
E ₁	6.96E-10											
λ _{TK} (μm)	0.177											
折射率温度系数 Temperature Coefficients of Refractive Index							机械性质 Mechanical Properties					
温度范围 (°C)		dn/dt relative(10 ⁻⁶ /°C)							H _k (10 ⁷ Pa)		660	
Range of Temperature		t	C'	d	e	F'	g	F _A		135		
-60~-40		2.7	3.0	3.2	3.4	3.8	4.1	E (10 ⁷ Pa)		11335		
-40~-20		2.7	3.2	3.3	3.4	3.8	4.1	G (10 ⁷ Pa)		4415		
-20~0		2.9	3.3	3.5	3.6	3.9	4.5	μ		0.284		
0~20		3.0	3.3	3.5	3.8	4.3	4.6	B (10 ⁻¹² /Pa)		1.91		
20~40		3.0	3.4	3.6	3.9	4.4	4.8	其他性质 Other Properties				
40~60		3.0	3.5	3.7	4.0	4.4	4.9	ρ (g/cm ³)		3.35		
60~80		3.0	3.7	3.9	4.0	4.4	4.9					
80~100		3.0	3.7	4.0	4.1	4.5	4.9	备注 Remarks				
100~120		3.1	3.8	4.0	4.2	4.5	5.2	*: 退火速率 anneal rate 4°C/h				
120~140		3.1	3.8	4.0	4.3	4.7	5.2					