

H-LaK51A			697555				n _d = 1.696800		ν _d = 55.53		n _F - n _C = 0.012549	
							n _e = 1.699791		ν _e = 55.30		n _{F'} - n _{C'} = 0.012655	
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}	0.2880	P' _{s,t}	0.2856	λ (nm)	τ (5mm)	τ (10mm)			
n _{2325.42}	2325.42	1.658467	P _{C,s}	0.5423	P' _{C',s}	0.5859	2400	0.796	0.633			
n _{1970.09}	1970.09	1.665963	P _{d,C}	0.3045	P' _{d,C'}	0.2538	2200	0.945	0.892			
n _{1529.58}	1529.58	1.673803	P _{e,d}	0.2383	P' _{e,d}	0.2363	2000	0.981	0.963			
n _{1060.0}	1060.0	1.681681	P _{g,F}	0.5442	P' _{g,F'}	0.4831	1800	0.993	0.987			
n _t	1013.98	1.682560	P _{i,h}	0.7730	P' _{i,h}	0.7666	1600	0.998	0.995			
n _s	852.11	1.686174	异常色散 Abnormal Dispersions				1400	0.998	0.996			
n _r	706.52	1.690799					ΔP _{C,t}	0.0224	ΔP _{C,s}	0.0093	1200	0.999
n _C	656.27	1.692979	ΔP _{F,e}	-0.0022	ΔP _{g,F}	-0.0070	1060	0.999	0.998			
n _{C'}	643.85	1.693588	着色度 Color Code				1000	0.999	0.998			
n _{He-Ne}	632.8	1.694157					λ ₈₀ /λ ₅	365/275		950	0.999	0.998
n _D	589.29	1.696688	λ ₇₀ /λ ₅			900	0.999	0.998				
n _d	587.56	1.696800	热性质 Thermal Properties				850	0.999	0.998			
n _e	546.07	1.699791					T _g (°C)	654		800	0.996	0.993
n _F	486.13	1.705528	T _s (°C)	682		700	0.996	0.993				
n _{F'}	479.99	1.706243	T ₁₀ ^{14.5} (°C)	616		650	0.997	0.995				
n _g	435.83	1.712357	T ₁₀ ¹³ (°C)	640		600	0.997	0.995				
n _h	404.66	1.718035	T ₁₀ ^{7.6} (°C)	724		550	0.997	0.995				
n _i	365.01	1.727736	α _{30/70°C} (10 ⁻⁷ /K)	63		500	0.997	0.994				
n _{313.18}	313.18	1.747546	α _{100/300°C} (10 ⁻⁷ /K)	81		480	0.997	0.994				
n _{302.15}	302.15	1.753437	λ[W/(m·K)]			460	0.995	0.990				
色散公式常数 Constants of Dispersion Formula			化学性质 Chemical Properties				440	0.993	0.987			
							K ₁	6.39398694E-01		Grade	420	0.992
L ₁	5.67124825E-05		D _w	1		400	0.990	0.980				
K ₂	1.18748481E+00		D _A	3		390	0.987	0.975				
L ₂	1.58001968E-02		CR	1		380	0.983	0.966				
K ₃	1.26545352E+00		RC(S)	1		370	0.972	0.945				
L ₃	9.10970530E+01		RA(S)	3		360	0.956	0.913				
折射率温度系数常数 Constants of dn/dt			机械性质 Mechanical Properties				350	0.928	0.861			
							D ₀	8.08E-08		H _k (10 ⁷ Pa)	695	
D ₁	1.25E-08		Grade				320	0.744	0.553			
D ₂	-7.70E-12						D _w	1		310	0.652	0.425
E ₀	4.99E-07		D _A	3		300	0.558	0.312				
E ₁	6.10E-10		CR	1		290	0.467	0.218				
λ _{TK} (μm)	0.161		RC(S)	1		280	0.385	0.148				
折射率温度系数 Temperature Coefficients of Refractive Index			其他性质 Other Properties				ρ (g/cm ³)		3.56			
							温度范围 (°C)		dn/dt relative(10 ⁻⁶ /°C)			
Range of Temperature		t	C'	d	e	F'	g					
-60~-40		1.6	2.0	2.0	2.3	2.6	2.8					
-40~-20		1.9	2.0	2.3	2.4	2.8	3.1					
-20~0		1.9	2.2	2.5	2.6	3.0	3.4					
0~20		2.0	2.4	2.6	3.0	3.0	3.4					
20~40		1.8	2.4	2.5	2.7	3.1	3.5					
40~60		1.9	2.5	2.8	2.7	3.2	3.5					
60~80		2.2	2.6	2.8	3.1	3.3	3.8					
80~100		2.4	2.8	2.9	3.2	3.6	4.1					
100~120		2.5	3.1	3.2	3.4	3.9	4.4					
120~140		2.6	3.2	3.4	3.7	4.0	4.6					