

H-LaK52			729547			n _d = 1.729160		ν _d = 54.68		n _F - n _C = 0.013334			
						n _e = 1.732338		ν _e = 54.46		n _{F'} - n _{C'} = 0.013448			
折射率 Refractive Index			相对部分色散 Relative Partial Dispersions				内部透过率 Internal Transmittance τ						
	λ (nm)		P _{s,t}	0.2847	P' _{s,t}	0.2823	λ (nm)	τ (5mm)	τ (10mm)				
n _{2325.42}	2325.42	1.689231	P _{C,s}	0.5398	P' _{C',s}	0.5833	2400	0.840	0.700				
n _{1970.09}	1970.09	1.696947	P _{d,C}	0.3041	P' _{d,C'}	0.2535	2200	0.948	0.898				
n _{1529.58}	1529.58	1.705021	P _{e,d}	0.2383	P' _{e,d}	0.2363	2000	0.981	0.962				
n _{1060.0}	1060.0	1.713192	P _{g,F}	0.5448	P' _{g,F'}	0.4836	1800	0.992	0.985				
n _t	1013.98	1.714111	P _{i,h}	0.7740	P' _{i,h}	0.7675	1600	0.998	0.996				
n _s	852.11	1.717907					1400	0.999	0.998				
n _r	706.52	1.722794	异常色散 Abnormal Dispersions				1200	0.999	0.998				
n _C	656.27	1.725105	ΔP _{C,t}	0.0206	ΔP _{C,s}	0.0088	1060	0.999	0.998				
n _{C'}	643.85	1.725751	ΔP _{F,e}	-0.0023	ΔP _{g,F}	-0.0078	1000	0.999	0.998				
n _{He-Ne}	632.8	1.726354					950	0.999	0.998				
n _D	589.29	1.729041					900	0.999	0.998				
n _d	587.56	1.729160	着色度 Color Code				850	0.999	0.998				
n _e	546.07	1.732338	λ ₈₀ /λ _s		365/275		800	0.999	0.998				
n _F	486.13	1.738439	λ ₇₀ /λ _s				700	0.998	0.997				
n _{F'}	479.99	1.739199					650	0.998	0.997				
n _g	435.83	1.745703					600	0.997	0.995				
n _h	404.66	1.751745					550	0.997	0.995				
n _i	365.01	1.762066	热性质 Thermal Properties				500	0.997	0.994				
n _{313.18}	313.18	1.783138	T _g (°C)		680		480	0.997	0.994				
n _{302.15}	302.15	1.789401	T _s (°C)		705		460	0.995	0.991				
			T ₁₀ ^{14.5} (°C)		638		440	0.994	0.988				
			T ₁₀ ¹³ (°C)		662		420	0.992	0.984				
色散公式常数 Constants of Dispersion Formula			T ₁₀ ^{7.6} (°C)		754		400	0.988	0.977				
K ₁	6.48528792E-01		α _{30/70°C} (10 ⁻⁷ /K)		56		390	0.984	0.969				
L ₁	1.65816179E-04		α _{100/300°C} (10 ⁻⁷ /K)		72		380	0.983	0.966				
K ₂	1.28450424E+00		λ[W/(m·K)]		0.689		370	0.966	0.933				
L ₂	1.58113883E-02		c _p [J/(g·K)]		0.479		360	0.950	0.900				
K ₃	1.23774593E+00						350	0.910	0.830				
L ₃	8.57406109E+01		化学性质 Chemical Properties				340	0.860	0.740				
							330	0.780	0.610				
折射率温度系数常数 Constants of dn/dt			Grade				320	0.690	0.470				
D ₀	6.32E-07		D _w	1			310	0.570	0.330				
D ₁	1.75E-08		D _A	3			300	0.480	0.230				
D ₂	-2.89E-11		CR	1			290	0.390	0.150				
E ₀	5.00E-07		RC(S)	1			280	0.260	0.070				
E ₁	3.79E-10		RA(S)	3									
λ _{TK} (μm)	0.163												
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)		765	
Range of Temperature			t	C'	d	e	F'	g	F _A		108		
-60~-40			1.7	2.2	2.3	2.5	3.1	3.3	E (10 ⁷ Pa)		11761		
-40~-20			1.9	2.3	2.4	2.7	3.1	3.4	G (10 ⁷ Pa)		4554		
-20~0			2.1	2.3	2.5	2.7	3.1	3.4	μ		0.291		
0~20			2.2	2.5	2.7	2.8	3.2	3.6	B (10 ⁻¹² /Pa)		1.43		
20~40			2.3	2.7	2.9	3.0	3.5	3.9	其他性质 Other Properties				
40~60			2.4	3.0	3.3	3.4	3.7	4.4	ρ (g/cm ³)		4.02		
60~80			2.7	3.3	3.5	3.7	3.9	4.6					
80~100			2.9	3.4	3.6	3.8	4.2	4.6	备注 Remarks				
100~120			2.9	3.6	3.8	3.9	4.3	4.6					
120~140			3.0	3.7	3.9	4.0	4.5	4.7					