H-LaK12	697562	n_d = 1.69680	υ_d = 56.19	$n_F - n_C$ = 0.012400
		n_e = 1.69975	υ_e = 55.98	$n_{F'} - n_{C'}$ = 0.012500

Refractive Indices		
	λ (nm)	n_λ
n_{2325}	2325.42	1.65825
n_{1970}	1970.09	1.66578
n_{1530}	1529.58	1.67381
n_{1129}	1128.64	1.68059
n_{1064}	1064.00	1.68176
n_t	1013.98	1.68271
n_s	852.11	1.68629
$n_{A'}$	768.19	1.68869
n_r	706.52	1.69087
n_C	656.27	1.69301
$n_{C'}$	643.85	1.69361
n_{He-Ne}	632.80	1.69418
n_D	589.29	1.69668
n_d	587.56	1.69680
n_e	546.07	1.69975
n_F	486.13	1.70541
$n_{F'}$	479.99	1.70611
n_g	435.84	1.71210
n_h	404.66	1.71764
n_i	365.01	1.72713

Relative Partial Dispersion	
$P_{d,C}$	0.3056
$P_{e,d}$	0.2379
$P_{g,F}$	0.5395
$P'_{d,c'}$	0.2552
$P'_{e,d}$	0.2360
$P'_{g,F'}$	0.4792

Deviation of Relative Partial Dispersions	
$\triangle P_{F,e}$	-0.0027
$\triangle P_{g,F}$	-0.0108
$\triangle P_{C,t}$	0.0182
$\triangle P_{C,s}$	0.0067

Thermal Properties	
Tg (℃)	673
Ts (℃)	696
$T_{10}^{14.5}$ (℃)	611
T_{10}^{13} (℃)	638
$\alpha_{-50/80℃}$ (10^{-7}/K)	56
$\alpha_{100/300℃}$ (10^{-7}/K)	72
λ (W/(m K))	1.07

Mechanical Properties	
HK (10^7Pa)	616
F_A	79
E (GPa)	112.9
G (GPa)	43.2
μ	0.307
σ_b (MPa)	73
B (10^{-12}/Pa)	1.59

Chemical Properties (grade)	
RC (S)	1
RA (S)	2
D_W	1
D_A	4
R_{OH} (S)	1
RP (S)	2
CR	1

Expansion Coefficient α (×10^{-7}/K)	
℃	α
-50/-40	53
-40/-30	55
-30/-20	57
-20/-10	58
-10/0	58
0/10	59
10/20	59
20/30	60
30/40	60
40/50	60
50/60	61
60/70	61
70/80	61
80/90	62
90/100	62
100/110	63
110/120	64
120/130	65
130/140	66
140/150	67
150/160	67

Internal Transmittance		
λ (nm)	τ5mm	τ10mm
2400	0.795	0.614
2200	0.953	0.898
2000	0.988	0.969
1800	0.999	0.998
1600	0.999	0.998
1400	0.999	0.998
1200	0.999	0.998
1060	0.999	0.998
1000	0.999	0.998
950	0.999	0.998
900	0.999	0.998
850	0.999	0.998
800	0.999	0.998
750	0.999	0.998
700	0.999	0.998
650	0.999	0.998
600	0.999	0.998
550	0.999	0.998
500	0.999	0.998
480	0.999	0.998
460	0.999	0.998
440	0.999	0.994
420	0.999	0.989
400	0.999	0.984
390	0.997	0.978
380	0.992	0.967
370	0.983	0.948
360	0.968	0.918
350	0.942	0.858
340	0.907	0.792
330	0.856	0.699
320	0.785	0.581
310	0.688	0.442
300	0.564	0.289
290	0.401	0.144
280		

Constants of Dispersion Formula	
A_0	2.83112539E+00
A_1	-1.55847682E-02
A_2	1.58070931E-02
A_3	1.24470183E-03
A_4	-1.41192909E-04
A_5	7.83660883E-06

Density		Solarization	
ρ (g/cm^3)	3.71	△λ (%)	-2.0

Range of Temperature (℃)	Temperature Coefficients of Refractive Index dn/dt relative (×10^{-6} / ℃)									
	t	s	C	C'	He-Ne	d	e	F	F'	g
-60 ~ -40	1.5	1.5	1.6	1.6	1.7	1.8	2.0	2.2	2.2	2.3
-40 ~ -20	1.6	1.6	1.7	1.7	1.8	1.9	2.1	2.4	2.4	2.6
-20 ~ 0	1.7	1.8	2.0	2.0	2.1	2.2	2.3	2.6	2.7	3.3
0 ~ 20	1.8	2.0	2.2	2.2	2.3	2.4	2.6	2.7	2.8	3.4
20 ~ 40	2.0	2.2	2.4	2.4	2.5	2.6	2.8	3.0	3.1	3.5
40 ~ 60	2.1	2.3	2.5	2.5	2.6	2.8	2.9	3.1	3.2	3.6
60 ~ 80	2.1	2.3	2.5	2.4	2.5	2.8	3.0	3.2	3.3	3.8
80 ~ 100	2.1	2.4	2.6	2.6	2.7	2.9	3.1	3.4	3.5	3.9
100 ~ 120	2.1	2.6	2.8	2.8	2.9	3.1	3.3	3.5	3.6	4.0
120 ~ 140	2.2	2.7	2.8	2.8	2.9	3.1	3.3	3.5	3.6	4.3
140 ~ 160	2.4	2.8	3.0	3.0	3.1	3.2	3.5	3.7	3.8	4.4

Coloration Code	
$\lambda_{80}(\lambda_{70})/\lambda_5$	360/270
Coloration of Internal Transmittance	
$\lambda\tau_{80}/\lambda\tau_5$	334/268

Constants of dn/dt		
D_0	D_1	D_2
1.91E-07	1.65E-08	-3.83E-11
E_0	E_1	λ_{TK}
3.84E-07	4.87E-10	2.27E-01

NHG