H-ZLaF56B	806333	n_d = 1.80610	υ_d = 33.27	$n_F - n_C$ = 0.024229
		n_e = 1.81184	υ_e = 33.03	$n_F - n_{C'}$ = 0.024579

Refractive Indices		
	λ (nm)	n_λ
n_{2325}	2325.42	1.75720
n_{1970}	1970.09	1.76373
n_{1530}	1529.58	1.77128
n_{1129}	1128.64	1.77899
n_{1064}	1064.00	1.78055
n_t	1013.98	1.78188
n_s	852.11	1.78735
$n_{A'}$	768.19	1.79134
n_r	706.52	1.79513
n_C	656.27	1.79902
$n_{C'}$	643.85	1.80013
n_{He-Ne}	632.80	1.80117
n_D	589.29	1.80589
n_d	587.56	1.80610
n_e	546.07	1.81184
n_F	486.13	1.82325
$n_{F'}$	479.99	1.82471
n_g	435.84	1.83761
n_h	404.66	1.85023
n_i	365.01	1.87349

Relative Partial Dispersion	
$P_{d,C}$	0.2922
$P_{e,d}$	0.2369
$P_{g,F}$	0.5927
$P'_{d,c'}$	0.2429
$P'_{e,d}$	0.2335
$P'_{g,F'}$	0.5248

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

Internal Transmittance		
λ (nm)	τ5mm	τ10mm
2400	0.931	0.867
2200	0.980	0.959
2000	0.992	0.984
1800	0.996	0.993
1600	0.998	0.996
1400	0.998	0.996
1200	0.998	0.996
1060	0.998	0.996
1000	0.998	0.996
950	0.998	0.996
900	0.998	0.996
850	0.998	0.996
800	0.998	0.996
750	0.998	0.996
700	0.998	0.996
650	0.998	0.996
600	0.998	0.996
550	0.996	0.994
500	0.993	0.986
480	0.990	0.981
460	0.986	0.973
440	0.981	0.962
420	0.970	0.940
400	0.944	0.890
390	0.915	0.836
380	0.853	0.725
370	0.692	0.478
360	0.370	0.138
350		
340		
330		
320		
310		
300		
290		
280		

Deviation of Relative Partial Dispersions	
$\triangle P_{F,e}$	-0.0009
$\triangle P_{g,F}$	0.0043
$\triangle P_{C,t}$	0.0061
$\triangle P_{C,s}$	0.0014

Expansion Coefficient α (×10^{-7}/K)	
℃	α
-50/-40	66
-40/-30	70
-30/-20	71
-20/-10	71
-10/0	72
0/10	73
10/20	74
20/30	74
30/40	75
40/50	76
50/60	76
60/70	77
70/80	77
80/90	78
90/100	78
100/110	80
110/120	81
120/130	82
130/140	83
140/150	84
150/160	85

Thermal Properties	
Tg (℃)	669
Ts (℃)	705
$T_{10}^{14.5}$ (℃)	601
T_{10}^{13} (℃)	633
$\alpha_{-50/80℃}$ (10^{-7}/K)	73
$\alpha_{100/300℃}$ (10^{-7}/K)	88
λ (W/(m K))	1.07

Mechanical Properties	
HK (10^7Pa)	624
F_A	119
E (GPa)	109.5
G (GPa)	41.4
μ	0.322
σ_b (MPa)	117
B (10^{-12}/Pa)	1.57

Constants of Dispersion Formula	
A_0	3.15342504E+00
A_1	-1.33526633E-02
A_2	3.50785430E-02
A_3	1.38157034E-03
A_4	-2.77539295E-05
A_5	9.11774978E-06

Density		Solarization	
ρ (g/cm^3)	3.75	△λ (%)	-0.7

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	3.8	4.2	4.7	4.8	4.9	5.1	5.4	6.3	6.4	6.8
-40 ~ -20	3.8	4.3	4.8	4.9	4.9	5.2	5.5	6.5	6.6	6.8
-20 ~ 0	3.8	4.5	4.9	5.0	5.1	5.3	5.7	6.5	6.6	6.9
0 ~ 20	3.8	4.6	4.9	5.0	5.1	5.4	5.9	6.7	6.8	7.1
20 ~ 40	3.8	4.6	5.0	5.1	5.2	5.6	6.0	6.9	6.9	7.4
40 ~ 60	3.9	4.8	5.2	5.2	5.3	5.7	6.3	6.9	7.0	7.7
60 ~ 80	3.9	4.8	5.4	5.4	5.5	5.9	6.5	6.9	7.1	7.8
80 ~ 100	3.9	4.9	5.5	5.6	5.7	6.1	6.6	7.2	7.3	8.1
100 ~ 120	4.0	5.1	5.7	5.8	5.9	6.2	6.8	7.5	7.5	8.3
120 ~ 140	4.0	5.2	5.8	5.8	6.0	6.3	6.8	7.6	7.6	8.5
140 ~ 160	4.0	5.3	5.9	5.9	6.0	6.3	6.9	7.7	7.8	8.7

Coloration Code	
$\lambda_{80}(\lambda_{70})/\lambda_5$	415/360
Coloration of Internal Transmittance	
$\lambda\tau_{80}/\lambda\tau_5$	386/355

Constants of dn/dt		
D_0	D_1	D_2
2.71E-06	1.16E-08	-2.20E-11
E_0	E_1	λ_{TK}
1.17E-06	1.13E-09	3.91E-09

NHG