H-ZLaF75	950294	n_d = 1.95000	υ_d = 29.37	$n_F - n_C$ = 0.032350
		n_e = 1.95764	υ_e = 29.15	$n_F - n_{C'}$ = 0.032852

Refractive Indices		
	λ (nm)	n_λ
n_{2325}	2325.42	1.88995
n_{1970}	1970.09	1.89709
n_{1530}	1529.58	1.90559
n_{1129}	1128.64	1.91477
n_{1064}	1064.00	1.91670
n_t	1013.98	1.91837
n_s	852.11	1.92534
$n_{A'}$	768.19	1.93052
n_r	706.52	1.93550
n_C	656.27	1.94063
$n_{C'}$	643.85	1.94209
n_{He-Ne}	632.80	1.94347
n_D	589.29	1.94973
n_d	587.56	1.95000
n_e	546.07	1.95764
n_F	486.13	1.97298
$n_{F'}$	479.99	1.97494
n_g	435.84	1.99236
n_h	404.66	2.00958
n_i	365.01	2.04179

Relative Partial Dispersion	
$P_{d,C}$	0.2896
$P_{e,d}$	0.2362
$P_{g,F}$	0.5991
$P'_{d,c'}$	0.2408
$P'_{e,d}$	0.2326
$P'_{g,F'}$	0.5303

Deviation of Relative Partial Dispersions	
$\triangle P_{F,e}$	0.0002
$\triangle P_{g,F}$	0.0043
$\triangle P_{C,t}$	0.0057
$\triangle P_{C,s}$	0.0018

Thermal Properties	
Tg (℃)	677
Ts (℃)	714
$T_{10}^{14.5}$ (℃)	617
T_{10}^{13} (℃)	653
$\alpha_{-50/80℃}$ (10^{-7}/K)	68
$\alpha_{100/300℃}$ (10^{-7}/K)	83
λ (W/(m K))	1.05

Mechanical Properties	
HK (10^7Pa)	625
F_A	66
E (GPa)	120.0
G (GPa)	45.7
μ	0.314
σ_b (MPa)	61
B (10^{-12}/Pa)	1.25

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

Expansion Coefficient α ($\times 10^{-7}$/K)	
℃	α
-50/-40	61
-40/-30	64
-30/-20	65
-20/-10	66
-10/0	67
0/10	68
10/20	69
20/30	69
30/40	70
40/50	71
50/60	71
60/70	72
70/80	72
80/90	73
90/100	74
100/110	75
110/120	76
120/130	77
130/140	78
140/150	79
150/160	80

Internal Transmittance		
λ (nm)	τ5mm	τ10mm
2400	0.926	0.857
2200	0.976	0.953
2000	0.983	0.966
1800	0.996	0.992
1600	0.996	0.992
1400	0.996	0.992
1200	0.996	0.992
1060	0.996	0.992
1000	0.996	0.992
950	0.996	0.992
900	0.996	0.992
850	0.996	0.992
800	0.996	0.992
750	0.996	0.992
700	0.996	0.992
650	0.996	0.992
600	0.996	0.992
550	0.991	0.982
500	0.981	0.962
480	0.968	0.937
460	0.953	0.908
440	0.929	0.863
420	0.870	0.757
400	0.730	0.533
390	0.604	0.365
380	0.426	0.181
370	0.212	0.045
360	0.165	0.027
350		
340		
330		
320		
310		
300		
290		
280		

Constants of Dispersion Formula	
A_0	3.64549592E+00
A_1	-1.53200140E-02
A_2	4.96183427E-02
A_3	2.32042227E-03
A_4	-9.17626876E-05
A_5	1.92554151E-05

Density		Solarization	
ρ (g/cm^3)	4.77	△λ (%)	-2.4

Range of Temperature (℃)	Temperature Coefficients of Refractive Index dn/dt relative ($\times 10^{-6}$ / ℃)									
	t	s	C	C'	He-Ne	d	e	F	F'	g
-60 ~ -40	4.6	5.2	5.6	5.6	5.7	6.0	6.6	7.7	7.8	9.1
-40 ~ -20	4.6	5.2	5.6	5.7	5.8	6.1	6.7	7.9	8.0	9.2
-20 ~ 0	4.6	5.3	5.7	5.8	5.9	6.2	6.8	8.1	8.2	9.3
0 ~ 20	4.6	5.3	5.8	5.9	5.9	6.2	6.9	8.2	8.3	9.5
20 ~ 40	4.7	5.4	5.9	6.0	6.0	6.3	7.0	8.3	8.4	9.7
40 ~ 60	4.7	5.5	5.9	6.0	6.0	6.3	7.1	8.4	8.5	9.8
60 ~ 80	4.7	5.6	5.9	6.0	6.1	6.4	7.1	8.5	8.6	10.1
80 ~ 100	4.8	5.7	6.1	6.2	6.2	6.5	7.2	8.6	8.7	10.2
100 ~ 120	4.8	5.7	6.2	6.3	6.3	6.6	7.3	8.7	8.8	10.4
120 ~ 140	4.9	5.8	6.3	6.4	6.4	6.7	7.4	8.8	8.9	10.5
140 ~ 160	4.9	5.9	6.3	6.4	6.5	6.8	7.5	8.9	9.0	10.7

Coloration Code	
$\lambda_{80}(\lambda_{70})/\lambda_5$	(430)/370
Coloration of Internal Transmittance	
$\lambda\tau_{80}/\lambda\tau_5$	426/370

Constants of dn/dt		
D_0	D_1	D_2
3.47E-06	1.08E-08	-2.35E-11
E_0	E_1	λ_{TK}
7.66E-07	4.26E-10	2.84E-01

NHG