H-ZLaF76	850301	n_d = 1.85013	υ_d = 30.06	$n_F - n_C$ = 0.028285
		n_e = 1.85681	υ_e = 29.84	$n_{F'} - n_{C'}$ = 0.028715

Refractive Indices		
	λ (nm)	n_λ
n_{2325}	2325.42	1.79436
n_{1970}	1970.09	1.80166
n_{1530}	1529.58	1.81015
n_{1129}	1128.64	1.81887
n_{1064}	1064.00	1.82064
n_t	1013.98	1.82215
n_s	852.11	1.82843
$n_{A'}$	768.19	1.83302
n_r	706.52	1.83741
n_C	656.27	1.84191
$n_{C'}$	643.85	1.84320
n_{He-Ne}	632.80	1.84441
n_D	589.29	1.84989
n_d	587.56	1.85013
n_e	546.07	1.85681
n_F	486.13	1.87020
$n_{F'}$	479.99	1.87191
n_g	435.84	1.88711
n_h	404.66	1.90212
n_i	365.01	1.93022

Relative Partial Dispersion	
$P_{d,C}$	0.2906
$P_{e,d}$	0.2362
$P_{g,F}$	0.5978
$P'_{d,c'}$	0.2413
$P'_{e,d}$	0.2326
$P'_{g,F'}$	0.5293

Deviation of Relative Partial Dispersions	
$\triangle P_{F,e}$	-0.0002
$\triangle P_{g,F}$	0.0042
$\triangle P_{C,t}$	0.0128
$\triangle P_{C,s}$	0.0040

Thermal Properties	
Tg (℃)	580
Ts (℃)	622
$T_{10}^{14.5}$ (℃)	519
T_{10}^{13} (℃)	556
$\alpha_{-50/80℃}$ (10^{-7}/K)	66
$\alpha_{100/300℃}$ (10^{-7}/K)	82
λ (W/(m·K))	1.13

Mechanical Properties	
HK (10^7Pa)	600
F_A	138
E (GPa)	114.4
G (GPa)	44.3
μ	0.290
σ_b (MPa)	70
B (10^{-12}/Pa)	2.34

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

Expansion Coefficient α ($\times 10^{-7}$/K)	
℃	α
-50/-40	58
-40/-30	61
-30/-20	63
-20/-10	64
-10/0	65
0/10	65
10/20	66
20/30	67
30/40	68
40/50	69
50/60	70
60/70	71
70/80	71
80/90	72
90/100	73
100/110	74
110/120	75
120/130	76
130/140	77
140/150	78
150/160	79

Internal Transmittance		
λ (nm)	τ5mm	τ10mm
2400	0.893	0.798
2200	0.954	0.910
2000	0.994	0.988
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	0.998	0.997
650	0.998	0.996
600	0.998	0.996
550	0.996	0.992
500	0.991	0.983
480	0.988	0.976
460	0.983	0.967
440	0.976	0.952
420	0.962	0.925
400	0.931	0.867
390	0.898	0.806
380	0.831	0.691
370	0.669	0.447
360	0.363	0.132
350		
340		
330		
320		
310		
300		
290		
280		

Constants of Dispersion Formula	
A_0	3.29452328E+00
A_1	-1.52382302E-02
A_2	4.07084470E-02
A_3	2.00555089E-03
A_4	-8.95622178E-05
A_5	1.65722537E-05

Density	
ρ (g/cm^3)	3.97

Solarization	
△λ (%)	-0.8

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	4.3	4.8	5.2	5.3	5.4	5.6	6.1	7.0	7.1	8.3
-40～-20	4.2	4.9	5.3	5.4	5.5	5.7	6.2	7.2	7.3	8.6
-20～0	4.3	4.9	5.3	5.4	5.5	5.9	6.3	7.4	7.5	8.9
0～20	4.3	4.9	5.3	5.4	5.5	5.9	6.4	7.5	7.6	9.1
20～40	4.4	5.0	5.4	5.5	5.6	6.0	6.5	7.7	7.8	9.3
40～60	4.5	5.1	5.5	5.6	5.7	6.1	6.7	8.0	8.1	9.6
60～80	4.5	5.2	5.6	5.7	5.8	6.4	7.0	8.3	8.4	10.0
80～100	4.7	5.3	5.7	5.8	5.9	6.6	7.2	8.5	8.6	10.3
100～120	4.7	5.4	5.7	5.8	5.9	6.9	7.5	8.8	8.9	10.6
120～140	4.8	5.5	5.9	6.0	6.1	7.1	7.7	9.0	9.1	10.8
140～160	4.9	5.6	6.0	6.1	6.2	7.3	7.9	9.2	9.3	11.1

Coloration Code	
$\lambda_{80}(\lambda_{70})/\lambda_5$	(405)/360
Coloration of Internal Transmittance	
$\lambda\tau_{80}/\lambda\tau_5$	389/358

Constants of dn/dt		
D_0	D_1	D_2
3.41E-06	1.03E-08	-1.74E-11
E_0	E_1	λ_{TK}
8.24E-07	1.10E-09	2.84E-01