H-FK76	550755	n_d = 1.55032	υ_d = 75.50	$n_F - n_C$ = 0.007289
		n_e = 1.55206	υ_e = 75.12	$n_F - n_{C'}$ = 0.007349

Refractive Indices		
	λ (nm)	n_λ
n_{2325}	2325.42	1.53051
n_{1970}	1970.09	1.53391
n_{1530}	1529.58	1.53766
n_{1129}	1128.64	1.54106
n_{1064}	1064.00	1.54168
n_t	1013.98	1.54220
n_s	852.11	1.54420
$n_{A'}$	768.19	1.54558
n_r	706.52	1.54684
n_C	656.27	1.54810
$n_{C'}$	643.85	1.54845
n_{He-Ne}	632.80	1.54878
n_D	589.29	1.55025
n_d	587.56	1.55032
n_e	546.07	1.55206
n_F	486.13	1.55539
$n_{F'}$	479.99	1.55580
n_g	435.84	1.55932
n_h	404.66	1.56256
n_i	365.01	1.56803

Relative Partial Dispersion	
$P_{d,C}$	0.3046
$P_{e,d}$	0.2387
$P_{g,F}$	0.5392
$P'_{d,C'}$	0.2545
$P'_{e,d}$	0.2368
$P'_{g,F'}$	0.4790

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

Internal Transmittance		
λ (nm)	τ5mm	τ10mm
2400	0.979	0.958
2200	0.984	0.968
2000	0.991	0.982
1800	0.995	0.989
1600	0.998	0.996
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	0.998
420	0.999	0.998
400	0.999	0.998
390	0.998	0.996
380	0.997	0.994
370	0.995	0.990
360	0.989	0.978
350	0.976	0.952
340	0.953	0.908
330	0.912	0.832
320	0.850	0.723
310	0.766	0.587
300	0.671	0.450
290	0.580	0.336
280	0.503	0.253

Deviation of Relative Partial Dispersions	
$\triangle P_{F,e}$	0.0083
$\triangle P_{g,F}$	0.0210
$\triangle P_{C,t}$	-0.0965
$\triangle P_{C,s}$	-0.0465

Expansion Coefficient α ($\times 10^{-7}$/K)	
℃	α
-50/-40	112
-40/-30	114
-30/-20	115
-20/-10	118
-10/0	120
0/10	120
10/20	122
20/30	124
30/40	124
40/50	126
50/60	126
60/70	129
70/80	129
80/90	130
90/100	131
100/110	132
110/120	135
120/130	136
130/140	138
140/150	138
150/160	142

Thermal Properties	
Tg (℃)	553
Ts (℃)	576
$T_{10}^{14.5}$ (℃)	509
T_{10}^{13} (℃)	531
$\alpha_{-50/80℃}$ (10^{-7}/K)	122
$\alpha_{100/300℃}$ (10^{-7}/K)	145
λ (W/(m K))	0.56

Mechanical Properties	
HK (10^7Pa)	385
F_A	420
E (GPa)	75.8
G (GPa)	29.1
μ	0.306
σ_b (MPa)	66
B (10^{-12}/Pa)	0.43

Constants of Dispersion Formula	
A_0	2.37490887E+00
A_1	-6.34594354E-03
A_2	1.00559237E-02
A_3	2.32696930E-04
A_4	-1.51093626E-05
A_5	7.74351892E-07

Density		Solarization	
ρ (g/cm^3)	4.13	△λ (%)	-0.4

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	-7.1	-6.8	-6.6	-6.5	-6.5	-6.4	-6.3	-6.2	-6.1	-5.8
-40 ~ -20	-6.8	-6.5	-6.4	-6.3	-6.3	-6.2	-6.2	-6.1	-6.0	-5.6
-20 ~ 0	-6.4	-6.2	-6.3	-6.2	-6.2	-6.2	-6.1	-5.9	-5.8	-5.5
0 ~ 20	-6.4	-6.3	-6.1	-6.1	-6.1	-5.9	-5.8	-5.6	-5.6	-5.3
20 ~ 40	-6.4	-6.3	-6.0	-6.0	-6.0	-5.8	-5.6	-5.5	-5.4	-5.0
40 ~ 60	-6.2	-6.1	-5.8	-5.8	-5.8	-5.6	-5.5	-5.4	-5.3	-4.9
60 ~ 80	-6.0	-6.0	-5.8	-5.7	-5.6	-5.5	-5.3	-5.2	-5.1	-4.8
80 ~ 100	-6.0	-5.8	-5.6	-5.6	-5.5	-5.4	-5.2	-4.9	-4.9	-4.7
100 ~ 120	-5.9	-5.7	-5.6	-5.5	-5.5	-5.4	-5.1	-4.9	-4.8	-4.5
120 ~ 140	-5.8	-5.5	-5.4	-5.4	-5.4	-5.2	-5.0	-4.9	-4.8	-4.2
140 ~ 160	-5.5	-5.3	-5.2	-5.2	-5.2	-5.1	-4.9	-4.8	-4.7	-4.0

Coloration Code	
$\lambda_{80}(\lambda_{70})/\lambda_5$	340/285
Coloration of Internal Transmittance	
$\lambda\tau_{80}/\lambda\tau_5$	327/280

Constants of dn/dt		
D_0	D_1	D_2
-1.79E-05	1.92E-08	-3.61E-11
E_0	E_1	λ_{TK}
4.81E-07	3.20E-10	2.11E-01

NHG