D-FK95	**437951**	$n_d = 1.43700$	$\upsilon_d = 95.10$	$n_F - n_C = 0.004595$
		$n_e = 1.43810$	$\upsilon_e = 94.66$	$n_F - n_{C'} = 0.004628$

Refractive Indices		
	λ (nm)	n_λ
n_{2325}	2325.42	1.42310
n_{1970}	1970.09	1.42566
n_{1530}	1529.58	1.42846
n_{1129}	1128.64	1.43091
n_{1064}	1064.00	1.43134
n_t	1013.98	1.43170
n_s	852.11	1.43306
$n_{A'}$	768.19	1.43396
n_r	706.52	1.43478
n_C	656.27	1.43559
$n_{C'}$	643.85	1.43582
$n_{He\text{-}Ne}$	632.80	1.43603
n_D	589.29	1.43696
n_d	587.56	1.43700
n_e	546.07	1.43810
n_F	486.13	1.44019
$n_{F'}$	479.99	1.44044
n_g	435.84	1.44264
n_h	404.66	1.44466
n_i	365.01	1.44803

Relative Partial Dispersion	
$P_{d,C}$	0.3069
$P_{e,d}$	0.2394
$P_{g,F}$	0.5332
$P'_{d,c'}$	0.2550
$P'_{e,d}$	0.2377
$P'_{g,F'}$	0.4754

Deviation of Relative Partial Dispersions	
$\triangle P_{F,e}$	0.0171
$\triangle P_{g,F}$	0.0475
$\triangle P_{C,t}$	-0.1544
$\triangle P_{C,s}$	-0.0780

Thermal Properties	
Tg (℃)	409
Ts (℃)	443
$T_{10}^{14.5}$ (℃)	377
T_{10}^{13} (℃)	390
$\alpha_{-50/80℃}$ (10^{-7}/K)	139
$\alpha_{100/300℃}$ (10^{-7}/K)	170
λ (W/(m K))	0.97
β_d	45

Mechanical Properties	
HK (10^7Pa)	358
F_A	449
E (GPa)	71.4
G (GPa)	26.8
μ	0.333
σ_b (MPa)	32
B (10^{-12}/Pa)	0.59

Chemical Properties (grade)	
RC (S)	1
RA (S)	3
D_W	2
D_A	3
R_{OH} (S)	4
RP (S)	3
CR	

Expansion Coefficient α ($\times 10^{-7}$/K)	
℃	α
-50/-40	129
-40/-30	131
-30/-20	132
-20/-10	134
-10/0	134
0/10	137
10/20	140
20/30	140
30/40	143
40/50	145
50/60	145
60/70	147
70/80	149
80/90	150
90/100	152
100/110	154
110/120	156
120/130	159
130/140	160
140/150	164
150/160	168

Internal Transmittance		
λ (nm)	τ5mm	τ10mm
2400	0.999	0.998
2200	0.999	0.998
2000	0.999	0.998
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	0.998	0.997
440	0.998	0.997
420	0.998	0.997
400	0.998	0.997
390	0.998	0.997
380	0.998	0.997
370	0.997	0.995
360	0.994	0.988
350	0.986	0.973
340	0.965	0.932
330	0.925	0.856
320	0.845	0.714
310	0.716	0.513
300	0.535	0.286
290	0.367	0.135
280	0.205	0.042

Constants of Dispersion Formula	
A_0	2.04831817E+00
A_1	-4.48612591E-03
A_2	6.22248873E-03
A_3	-7.98581030E-06
A_4	1.22118495E-05
A_5	-7.39464344E-07

Density		Solarization	
ρ (g/cm^3)	3.56	$\triangle\lambda$ (%)	-3.2

Coloration Code	
$\lambda_{80}(\lambda_{70})/\lambda_5$	330/280

Coloration of Internal Transmittance	
$\lambda\tau_{80}/\lambda\tau_5$	326/280

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	-5.5	-5.3	-5.2	-5.2	-5.1	-5.0	-4.9	-4.8	-4.8	-4.5
-40 ~ -20	-6.0	-5.8	-5.7	-5.7	-5.6	-5.5	-5.3	-5.1	-5.1	-4.9
-20 ~ 0	-6.4	-6.2	-6.0	-6.0	-5.9	-5.8	-5.7	-5.5	-5.5	-5.3
0 ~ 20	-6.7	-6.5	-6.4	-6.4	-6.3	-6.2	-6.1	-5.8	-5.8	-5.6
20 ~ 40	-7.0	-6.8	-6.7	-6.7	-6.6	-6.4	-6.4	-6.2	-6.1	-5.9
40 ~ 60	-7.2	-7.0	-6.9	-6.9	-6.8	-6.7	-6.6	-6.5	-6.4	-6.2
60 ~ 80	-7.3	-7.2	-7.1	-7.1	-7.0	-6.9	-6.8	-6.7	-6.6	-6.4
80 ~ 100	-7.3	-7.2	-7.1	-7.1	-7.0	-6.9	-6.8	-6.7	-6.7	-6.5
100 ~ 120	-7.3	-7.2	-7.1	-7.1	-7.1	-7.0	-6.9	-6.7	-6.7	-6.6
120 ~ 140	-7.4	-7.3	-7.2	-7.1	-7.1	-7.0	-6.8	-6.7	-6.7	-6.6
140 ~ 160	-7.5	-7.4	-7.2	-7.2	-7.1	-7.0	-6.9	-6.8	-6.7	-6.5

Constants of dn/dt		
D_0	D_1	D_2
-2.28E-05	-4.73E-09	3.04E-11
E_0	E_1	λ_{TK}
6.79E-07	-1.59E-10	1.98E-07

NHG