H-PK71	569713	n_d = 1.56907	υ_d = 71.30	$n_F - n_C$ = 0.007981
		n_e = 1.57097	υ_e = 70.90	$n_F - n_{C'}$ = 0.008053

Refractive Indices		
	λ (nm)	n_λ
n_{2325}	2325.42	
n_{1970}	1970.09	
n_{1530}	1529.58	
n_{1129}	1128.64	1.55914
n_{1064}	1064.00	1.55976
n_t	1013.98	1.56028
n_s	852.11	1.56240
$n_{A'}$	768.19	1.56389
n_r	706.52	1.56527
n_C	656.27	1.56665
$n_{C'}$	643.85	1.56703
n_{He-Ne}	632.80	1.56739
n_D	589.29	1.56900
n_d	587.56	1.56907
n_e	546.07	1.57097
n_F	486.13	1.57463
$n_{F'}$	479.99	1.57508
n_g	435.84	1.57898
n_h	404.66	1.58260
n_i	365.01	1.58869

Relative Partial Dispersion	
$P_{d,C}$	0.3032
$P_{e,d}$	0.2381
$P_{g,F}$	0.5450
$P'_{d,c'}$	0.2533
$P'_{e,d}$	0.2359
$P'_{g,F'}$	0.4843

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

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	0.999	0.998
440	0.999	0.998
420	0.999	0.998
400	0.999	0.998
390	0.999	0.998
380	0.997	0.994
370	0.995	0.990
360	0.991	0.983
350	0.982	0.965
340	0.970	0.940
330	0.933	0.871
320	0.879	0.773
310	0.769	0.592
300	0.679	0.461
290	0.565	0.319
280	0.435	0.189

Deviation of Relative Partial Dispersions	
$\triangle P_{F,e}$	0.0077
$\triangle P_{g,F}$	0.0199
$\triangle P_{C,t}$	-0.0875
$\triangle P_{C,s}$	-0.0390

Expansion Coefficient α (×10^{-7}/K)	
℃	α
-50/-40	118
-40/-30	119
-30/-20	120
-20/-10	121
-10/0	124
0/10	124
10/20	126
20/30	128
30/40	129
40/50	131
50/60	132
60/70	132
70/80	134
80/90	135
90/100	137
100/110	138
110/120	140
120/130	141
130/140	144
140/150	147
150/160	149

Thermal Properties	
Tg (℃)	483
Ts (℃)	514
$T_{10}^{14.5}$ (℃)	442
T_{10}^{13} (℃)	463
$\alpha_{-50/80℃}$ (10^{-7}/K)	126
$\alpha_{100/300℃}$ (10^{-7}/K)	152
λ (W/(m K))	0.46

Mechanical Properties	
HK (10^7Pa)	359
F_A	435
E (GPa)	65.5
G (GPa)	25.0
μ	0.313
σ_b (MPa)	
B (10^{-12}/Pa)	0.23

Constants of Dispersion Formula	
A_0	2.42613257E+00
A_1	-4.57004276E-03
A_2	1.39177172E-02
A_3	-6.13250165E-04
A_4	1.09104778E-04
A_5	-5.55700744E-06

Density	
ρ (g/cm^3)	4.27

Solarization	
△λ (%)	-1.9

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	-9.4	-9.2	-9.1	-9.0	-8.9	-8.8	-8.4	-8.2	-8.1	-7.9
-40 ~ -20	-9.5	-9.4	-9.3	-9.2	-9.1	-9.0	-8.8	-8.5	-8.3	-8.3
-20 ~ 0	-9.6	-9.5	-9.4	-9.3	-9.2	-9.1	-8.9	-8.8	-8.6	-8.6
0 ~ 20	-9.8	-9.7	-9.6	-9.5	-9.4	-9.3	-9.2	-8.9	-8.9	-8.9
20 ~ 40	-10.0	-9.9	-9.7	-9.6	-9.6	-9.5	-9.4	-9.3	-9.2	-9.1
40 ~ 60	-10.1	-10.0	-9.9	-9.9	-9.8	-9.7	-9.7	-9.5	-9.4	-9.3
60 ~ 80	-10.3	-10.1	-10.1	-9.9	-9.8	-9.8	-9.8	-9.6	-9.5	-9.4
80 ~ 100	-10.5	-10.3	-10.3	-10.1	-10.0	-9.9	-9.8	-9.8	-9.4	-9.4
100 ~ 120	-10.5	-10.3	-10.3	-10.2	-10.1	-9.9	-9.9	-10.0	-9.7	-9.6
120 ~ 140	-10.5	-10.3	-10.3	-10.3	-10.2	-10.1	-10.0	-10.1	-9.8	-9.7
140 ~ 160	-10.6	-10.4	-10.3	-10.3	-10.3	-10.4	-10.3	-10.1	-10.0	-9.7

Coloration Code	
$\lambda_{80}(\lambda_{70})/\lambda_5$	330/275
Coloration of Internal Transmittance	
$\lambda\tau_{80}/\lambda\tau_5$	318/267

Constants of dn/dt		
D_0	D_1	D_2
-2.55E-05	4.39E-09	-1.28E-11
E_0	E_1	λ_{TK}
6.70E-07	-7.70E-10	3.16E-08

NHG