H-PK62A	618634	n_d = 1.61800	υ_d = 63.39	$n_F - n_C$ = 0.009749
		n_e = 1.62033	υ_e = 63.12	$n_F - n_{C'}$ = 0.009828

Refractive Indices		
	λ (nm)	n_λ
n_{2325}	2325.42	1.59079
n_{1970}	1970.09	1.59567
n_{1530}	1529.58	1.60096
n_{1129}	1128.64	1.60561
n_{1064}	1064.00	1.60646
n_t	1013.98	1.60715
n_s	852.11	1.60983
$n_{A'}$	768.19	1.61167
n_r	706.52	1.61335
n_C	656.27	1.61503
$n_{C'}$	643.85	1.61550
n_{He-Ne}	632.80	1.61594
n_D	589.29	1.61791
n_d	587.56	1.61800
n_e	546.07	1.62033
n_F	486.13	1.62478
$n_{F'}$	479.99	1.62533
n_g	435.84	1.63004
n_h	404.66	1.63439
n_i	365.01	1.64180

Relative Partial Dispersion	
$P_{d,C}$	0.3046
$P_{e,d}$	0.2390
$P_{g,F}$	0.5395
$P'_{d,C'}$	0.2544
$P'_{e,d}$	0.2371
$P'_{g,F'}$	0.4792

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

Internal Transmittance		
λ (nm)	τ5mm	τ10mm
2400	0.930	0.865
2200	0.953	0.908
2000	0.980	0.960
1800	0.990	0.980
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	0.998	0.996
420	0.997	0.994
400	0.995	0.990
390	0.992	0.984
380	0.985	0.973
370	0.971	0.950
360	0.948	0.906
350	0.911	0.837
340	0.849	0.730
330	0.759	0.586
320	0.641	0.420
310	0.506	0.264
300	0.369	0.142
290	0.241	0.062
280		

Deviation of Relative Partial Dispersions	
$\triangle P_{F,e}$	0.0012
$\triangle P_{g,F}$	0.0012
$\triangle P_{C,t}$	-0.0390
$\triangle P_{C,s}$	-0.0191

Expansion Coefficient α ($\times 10^{-7}$/K)	
℃	α
-50/-40	85
-40/-30	87
-30/-20	89
-20/-10	90
-10/0	90
0/10	91
10/20	91
20/30	92
30/40	93
40/50	93
50/60	93
60/70	94
70/80	94
80/90	95
90/100	95
100/110	96
110/120	97
120/130	99
130/140	100
140/150	104
150/160	105

Thermal Properties	
Tg (℃)	616
Ts (℃)	662
$T_{10}^{14.5}$ (℃)	557
T_{10}^{13} (℃)	598
$\alpha_{-50/80℃}$ (10^{-7}/K)	94
$\alpha_{100/300℃}$ (10^{-7}/K)	111
λ (W/(m K))	1.15

Mechanical Properties	
HK (10^7Pa)	391
F_A	320
E (GPa)	71.1
G (GPa)	27.0
μ	0.317
σ_b (MPa)	48
B (10^{-12}/Pa)	1.17

Constants of Dispersion Formula	
A_0	2.57978592E+00
A_1	-9.52472897E-03
A_2	1.26301504E-02
A_3	8.06546409E-04
A_4	-9.53388389E-05
A_5	5.37975011E-06

Density		Solarization	
ρ (g/cm^3)	3.53	△λ (%)	-1.9

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	-2.6	-2.4	-2.3	-2.2	-2.2	-2.1	-2.0	-1.7	-1.7	-1.4
-40 ~ -20	-2.7	-2.5	-2.4	-2.3	-2.3	-2.2	-2.1	-1.8	-1.8	-1.7
-20 ~ 0	-2.8	-2.6	-2.4	-2.4	-2.4	-2.3	-2.2	-1.9	-1.9	-1.8
0 ~ 20	-2.8	-2.6	-2.5	-2.4	-2.4	-2.3	-2.2	-1.9	-1.9	-1.8
20 ~ 40	-2.8	-2.6	-2.5	-2.4	-2.4	-2.4	-2.3	-2.0	-2.0	-1.8
40 ~ 60	-2.8	-2.6	-2.5	-2.4	-2.4	-2.4	-2.3	-2.0	-2.0	-1.6
60 ~ 80	-2.8	-2.6	-2.5	-2.5	-2.5	-2.4	-2.3	-2.1	-2.0	-1.6
80 ~ 100	-2.9	-2.6	-2.5	-2.5	-2.5	-2.4	-2.3	-2.1	-2.0	-1.5
100 ~ 120	-2.8	-2.6	-2.5	-2.5	-2.5	-2.4	-2.3	-2.1	-2.0	-1.6
120 ~ 140	-2.9	-2.6	-2.5	-2.5	-2.4	-2.4	-2.4	-2.1	-2.0	-1.6
140 ~ 160	-2.8	-2.6	-2.5	-2.4	-2.4	-2.4	-2.4	-2.1	-2.1	-1.6

Coloration Code	
$\lambda_{80}(\lambda_{70})/\lambda_5$	360/280
Coloration of Internal Transmittance	
$\lambda\tau_{80}/\lambda\tau_5$	348/276

Constants of dn/dt		
D_0	D_1	D_2
-9.02E-06	9.55E-09	-2.00E-11
E_0	E_1	λ_{TK}
3.79E-07	3.28E-11	2.20E-01

NHG