H-ZK14	603606	n_d = 1.60311	υ_d = 60.60	$n_F - n_C$ = 0.009952
		n_e = 1.60548	υ_e = 60.35	$n_{F'} - n_{C'}$ = 0.010033

Refractive Indices		
	λ (nm)	n_λ
n_{2325}	2325.42	1.57307
n_{1970}	1970.09	1.57874
n_{1530}	1529.58	1.58486
n_{1129}	1128.64	1.59014
n_{1064}	1064.00	1.59106
n_t	1013.98	1.59182
n_s	852.11	1.59469
$n_{A'}$	768.19	1.59661
n_r	706.52	1.59835
n_C	656.27	1.60007
$n_{C'}$	643.85	1.60056
n_{He-Ne}	632.80	1.60101
n_D	589.29	1.60302
n_d	587.56	1.60311
n_e	546.07	1.60548
n_F	486.13	1.61003
$n_{F'}$	479.99	1.61059
n_g	435.84	1.61541
n_h	404.66	1.61987
n_i	365.01	1.62743

Relative Partial Dispersion	
$P_{d,C}$	0.3055
$P_{e,d}$	0.2381
$P_{g,F}$	0.5406
$P'_{d,c'}$	0.2542
$P'_{e,d}$	0.2362
$P'_{g,F'}$	0.4804

Deviation of Relative Partial Dispersions	
$\triangle P_{F,e}$	0.0004
$\triangle P_{g,F}$	-0.0023
$\triangle P_{C,t}$	-0.0048
$\triangle P_{C,s}$	-0.0052

Thermal Properties	
Tg (℃)	666
Ts (℃)	704
$T_{10}^{14.5}$ (℃)	583
T_{10}^{13} (℃)	625
$\alpha_{-50/80℃}$ (10^{-7}/K)	57
$\alpha_{100/300℃}$ (10^{-7}/K)	73
λ (W/(m·K))	0.93

Mechanical Properties	
HK (10^7Pa)	567
F_A	131
E (GPa)	85.1
G (GPa)	33.3
μ	0.278
σ_b (MPa)	85
B (10^{-12}/Pa)	1.84

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

Expansion Coefficient α ($\times 10^{-7}$/K)	
℃	α
-50/-40	50
-40/-30	52
-30/-20	54
-20/-10	55
-10/0	56
0/10	57
10/20	58
20/30	59
30/40	59
40/50	60
50/60	61
60/70	61
70/80	62
80/90	62
90/100	63
100/110	63
110/120	64
120/130	65
130/140	66
140/150	67
150/160	68

Internal Transmittance		
λ (nm)	τ5mm	τ10mm
2400	0.879	0.774
2200	0.939	0.880
2000	0.983	0.967
1800	0.993	0.984
1600	0.999	0.996
1400	0.999	0.997
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	0.997	0.995
400	0.996	0.995
390	0.994	0.990
380	0.992	0.985
370	0.985	0.976
360	0.976	0.957
350	0.954	0.916
340	0.919	0.852
330	0.862	0.747
320	0.762	0.588
310	0.615	0.385
300	0.419	0.180
290	0.210	0.050
280		

Constants of Dispersion Formula	
A_0	2.53182995E+00
A_1	-1.10534989E-02
A_2	1.34222293E-02
A_3	4.21021754E-04
A_4	-2.24912138E-05
A_5	1.01669782E-06

Density	
ρ (g/cm^3)	3.42

Solarization	
△λ (%)	-5.0

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	2.7	2.9	2.9	2.9	3.0	3.3	3.3	3.3	3.8
-40～-20	2.7	2.7	2.9	2.9	3.0	3.1	3.4	3.5	3.5	3.8
-20～0	2.7	2.8	2.9	3.0	3.0	3.1	3.4	3.7	3.7	3.8
0～20	2.8	2.9	3.1	3.1	3.2	3.3	3.5	3.7	3.7	3.9
20～40	2.8	2.9	3.1	3.2	3.2	3.3	3.5	3.7	3.7	4.0
40～60	3.0	3.0	3.2	3.2	3.2	3.4	3.7	3.8	3.9	4.3
60～80	3.1	3.2	3.2	3.3	3.4	3.6	3.8	3.9	4.0	4.4
80～100	3.2	3.3	3.3	3.4	3.5	3.7	4.1	4.1	4.2	4.6
100～120	3.3	3.4	3.4	3.5	3.5	3.7	4.4	4.3	4.4	4.9
120～140	3.5	3.5	3.5	3.6	3.6	3.9	4.5	4.4	4.5	5.0
140～160	3.5	3.6	3.7	3.7	3.8	4.1	4.5	4.6	4.7	5.2

Coloration Code	
$\lambda_{80}(\lambda_{70})/\lambda_5$	350/295
Coloration of Internal Transmittance	
$\lambda\tau_{80}/\lambda\tau_5$	334/290

Constants of dn/dt		
D_0	D_1	D_2
2.35E-06	1.42E-08	-1.91E-11
E_0	E_1	λ_{TK}
3.40E-07	4.95E-10	2.58E-01