

H-ZK6	613586	$n_d = 1.61272$	$v_d = 58.58$	$n_F - n_C = 0.010460$
		$n_e = 1.61521$	$v_e = 58.30$	$n_{F'} - n_{C'} = 0.010552$

Refractive Indices		
	λ (nm)	n_λ
n_{2325}	2325.42	1.58370
n_{1970}	1970.09	1.58884
n_{1530}	1529.58	1.59446
n_{1129}	1128.64	1.59947
n_{1064}	1064.00	1.60038
n_t	1013.98	1.60112
n_s	852.11	1.60399
$n_{A'}$	768.19	1.60595
n_r	706.52	1.60774
n_C	656.27	1.60954
$n_{C'}$	643.85	1.61005
n_{He-Ne}	632.80	1.61052
n_D	589.29	1.61263
n_d	587.56	1.61272
n_e	546.07	1.61521
n_F	486.13	1.62000
$n_{F'}$	479.99	1.62060
n_g	435.84	1.62571
n_h	404.66	1.63044
n_i	365.01	1.63849

Relative Partial Dispersion	
$P_{d,C}$	0.3040
$P_{e,d}$	0.2380
$P_{g,F}$	0.5459
$P'_{d,c'}$	0.2530
$P'_{e,d}$	0.2360
$P'_{g,F'}$	0.4843

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

Internal Transmittance		
λ (nm)	τ_{5mm}	τ_{10mm}
2400	0.922	0.844
2200	0.967	0.927
2000	0.993	0.986
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	0.995
400	0.997	0.990
390	0.995	0.982
380	0.989	0.971
370	0.980	0.952
360	0.958	0.908
350	0.911	0.830
340	0.842	0.709
330	0.730	0.536
320	0.570	0.326
310	0.377	0.145
300	0.197	0.041
290		
280		

Deviation of Relative Partial Dispersions	
$\Delta P_{F,e}$	0.0001
$\Delta P_{g,F}$	-0.0004
$\Delta P_{C,t}$	-0.0190
$\Delta P_{C,s}$	-0.0104

Expansion Coefficient α ($\times 10^{-7}/K$)	
$^{\circ}C$	α
-50/-40	58
-40/-30	60
-30/-20	61
-20/-10	62
-10/0	63
0/10	63
10/20	64
20/30	64
30/40	65
40/50	65
50/60	65
60/70	66
70/80	66
80/90	67
90/100	67
100/110	67
110/120	68
120/130	69
130/140	70
140/150	71
150/160	71

Thermal Properties	
T_g ($^{\circ}C$)	672
T_s ($^{\circ}C$)	713
$T_{10}^{14.5}$ ($^{\circ}C$)	597
T_{10}^{13} ($^{\circ}C$)	644
$\alpha_{50/80^{\circ}C}$ ($10^{-7}/K$)	63
$\alpha_{100/300^{\circ}C}$ ($10^{-7}/K$)	81
λ (W/(m·K))	0.94

Constants of Dispersion Formula	
A_0	2.55955140E+00
A_1	-1.00093149E-02
A_2	1.42930361E-02
A_3	4.66646324E-04
A_4	-2.70113303E-05
A_5	1.35057919E-06

Mechanical Properties	
HK (10^7 Pa)	520
F_A	140
E (GPa)	81.9
G (GPa)	31.6
μ	0.296
σ_b (MPa)	64.5
B (10^{-12} /Pa)	1.73

Density		Solarization	
ρ (g/cm ³)	3.59	$\Delta\lambda$ (%)	-7.7

Range of Temperature ($^{\circ}C$)	Temperature Coefficients of Refractive Index									
	dn/dt relative ($\times 10^{-6} / ^{\circ}C$)									
	t	s	C	C'	He-Ne	d	e	F	F'	g
-60 ~ -40	1.6	1.6	1.7	1.7	1.8	1.9	2.3	2.5	2.6	3.0
-40 ~ -20	1.6	1.7	1.8	1.8	1.9	2.1	2.4	2.7	2.8	3.1
-20 ~ 0	1.9	1.8	1.9	1.9	2.0	2.1	2.5	2.8	2.9	3.2
0 ~ 20	1.9	1.9	1.9	1.9	2.0	2.2	2.6	2.9	2.9	3.3
20 ~ 40	2.0	2.0	2.1	2.1	2.2	2.4	2.7	3.0	3.1	3.6
40 ~ 60	1.9	2.0	2.2	2.2	2.3	2.5	2.8	3.3	3.4	3.9
60 ~ 80	2.1	2.3	2.5	2.5	2.6	2.8	3.1	3.5	3.6	4.2
80 ~ 100	2.3	2.5	2.7	2.7	2.8	3.1	3.4	3.9	4.0	4.6
100 ~ 120	2.4	2.7	2.9	3.0	3.1	3.4	3.7	4.2	4.3	4.9
120 ~ 140	2.5	2.8	3.1	3.2	3.3	3.6	3.9	4.4	4.5	5.1
140 ~ 160	2.6	2.9	3.3	3.4	3.4	3.8	4.0	4.5	4.6	5.3

Coloration Code	
$\lambda_{80}(\lambda_{70})/\lambda_5$	360/300
Coloration of Internal Transmittance	
$\lambda\tau_{80}/\lambda\tau_5$	345/299

Constants of dn/dt		
D_0	D_1	D_2
-6.10E-08	1.58E-08	-1.22E-11
E_0	E_1	λ_{TK}
4.83E-07	8.41E-10	2.69E-01