H-ZK2 583595

n_d = 1.58313	υ_d = 59.46	$n_F - n_C$ = 0.009807
n_e = 1.58547	υ_e = 59.19	$n_{F'} - n_{C'}$ = 0.009892

Refractive Indices		
	λ(nm)	
n_r	706.5	1.57845
n_C	656.3	1.58015
$n_{C'}$	643.8	1.58062
n_{He-Ne}	632.8	1.58107
n_D	589.3	1.58304
n_d	587.6	1.58313
n_e	546.1	1.58547
n_F	486.1	1.58996
$n_{F'}$	480.0	1.59052
n_g	435.8	1.59528
n_h	404.7	1.59970
n_i	365.0	1.60722

Chemical Properties (grade)	
RC(S)	1
RA(S)	2
D_W	1
D_A	3

Thermal Properties	
Tg(℃)	601
Ts(℃)	660
$T_{10}^{14.5}$(℃)	551
T_{10}^{13}(℃)	596
$\alpha_{20/120℃}$ (10^{-7}/K)	69
$\alpha_{20/300℃}$ (10^{-7}/K)	75
λ(W/m·K)	

Internal Transmittance		
λ(nm)	τ5mm	τ10mm
2400		
2200		
2000		
1800		
1600		
1400		
1200		
1060		
1000		
950		
900		
850	0.999	0.998
800	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	0.995	0.990
400	0.991	0.982
390	0.991	0.982
380	0.991	0.982
370	0.982	0.964
360	0.975	0.951
350	0.957	0.916
340	0.932	0.869
330	0.886	0.785
320	0.813	0.661
310	0.697	0.486
300	0.535	0.286
290	0.340	0.116
280		

Constants of Dispersion Formula	
A_0	2.4685224
A_1	-1.0187168×10-2
A_2	1.3391675×10-2
A_3	3.2906071×10-4
A_4	-1.2198654×10-5
A_5	6.5914240×10-7

Mechanical Properties	
H_K(10^7Pa)	527
F_A	
E(10^7Pa)	8420
G(10^7Pa)	3315
μ	0.270
B(10^{-12}/Pa)	

Relative Partial Dispersion			
$P_{d,c}$	0.3038	$P'_{d,c'}$	0.2537
$P_{e,d}$	0.2387	$P'_{e,d}$	0.2367
$P_{g,F}$	0.5426	$P'_{g,F'}$	0.4813

Anomalous dispersions	
$\Delta P_{F,e}$	0.0006
$\Delta P_{g,F}$	-0.0019

Range of Temperature (℃)	Temperature Coefficients of Refractive Index dn/dt relative (10^{-6} / ℃)						
	t	C'	He-Ne	D	e	F'	g
-40～-20							
-20～0							
0～20							
20～40							
40～60							
60～80							

Density	
ρ(g/cm^3)	3.12

Coloration Code			
λ_{80}/λ_5	34/29	λ_{70}/λ_5	