H-ZBaF3 657511	n_d =1.65691	υ_d =51.12	$n_F - n_C$ =0.012850
	n_e =1.65996	υ_e =50.88	$n_{F'} - n_{C'}$ =0.012970

Refractive Indices		
	λ (nm)	
n_t	1014.0	1.64308
n_r	706.5	1.65089
n_c	656.3	1.65306
$n_{c'}$	643.8	1.65368
n_{He-Ne}	632.8	1.65424
n_D	589.3	1.65680
n_d	587.6	1.65691
n_e	546.1	1.65996
n_F	486.1	1.66591
$n_{F'}$	480.0	1.66665
n_g	435.8	1.67307
n_h	404.7	1.67911
n_i	365.0	1.68964

Constants of Dispersion Formula	
A_0	2.6916522
A_1	-1.0136334×10^{-2}
A_2	1.8648124×10^{-2}
A_3	3.5804079×10^{-4}
A_4	6.1668889×10^{-6}
A_5	5.7554576×10^{-7}

Deviation of Relative Partial Dispersions ΔP from the"Normal Line"	
$\Delta P_{F,e}$	0.0011
$\Delta Pg_{,F}$	-0.0017

Relative Partial Dispersions			
$P_{d,c}$	0.3001	$P'_{d,c'}$	0.2497
$P_{e,d}$	0.2371	$P'_{e,d}$	0.2349
$P_{g,F}$	0.5569	$P'_{g,F'}$	0.4948

Chemical Properties	
	Grade
RC(S)	1
RA(S)	3
D_W	1
D_A	3

Thermal Properties	
T_g (℃)	652
T_s (℃)	693
$T_{10^{14.5}}$ (℃)	589
$T_{10^{13}}$ (℃)	626
$T_{10^{7.6}}$(℃)	757
$\alpha_{20/120℃}$(10^{-7}/K)	78
$\alpha_{100/300℃}$(10^{-7}/K)	90
λ (W/m・K)	

Mechanical Properties	
H_K (10^7Pa)	508
F_A	170
E (10^7Pa)	8592
G (10^7Pa)	3359
μ	0.279
B (10^{-12}/Pa)	

Other Properties	
ρ (g/cm^3)	3.77

Internal Transmittance		
λ (nm)	τ 5 mm	τ 10 mm
2400	0.906	0.820
2200	0.956	0.914
2000	0.982	0.965
1800	0.991	0.982
1600	0.996	0.993
1400	0.997	0.995
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	0.998	0.996
800	0.997	0.994
700	0.996	0.992
650	0.995	0.991
600	0.995	0.991
550	0.995	0.991
500	0.994	0.988
480	0.992	0.985
460	0.991	0.982
440	0.989	0.979
420	0.987	0.974
400	0.977	0.954
390	0.963	0.928
380	0.938	0.880
370	0.88	0.78
360	0.76	0.58
350	0.54	0.29
340	0.21	0.05
330		
320		
310		
300		
290		
280		

Coloration Code	
λ_{80}/λ_5	38/34

Temperature Coefficients of Refractive Index

Rang of Temperature	dn/dt relative(10^{-6}/℃)					
	t	C′	d	e	F′	g
-40～-20	0.9	1.4	1.7	1.9	2.5	2.7
-20～0	0.9	1.4	1.7	1.9	2.4	2.7
0～20	1.3	1.7	2.0	2.1	2.4	3.1
20～40	1.4	1.8	2.1	2.3	2.6	3.4
40～60	1.5	2.0	2.1	2.3	2.9	3.3
60～80	1.5	2.0	2.2	2.3	3.0	3.4