H-ZBaF50	658509	n_d =1.65844	υ_d =50.85	$n_F - n_C$ =0.012948
		n_e =1.66152	υ_e =50.57	$n_{F'} - n_{c'}$ =0.013082

Refractive Indices		
	λ（nm）	
n_t	1014.0	1.64449
n_r	706.5	1.65235
n_c	656.3	1.65454
$n_{c'}$	643.8	1.65516
n_{He-Ne}	632.8	1.65574
n_D	589.3	1.65832
n_d	587.6	1.65844
n_e	546.1	1.66152
n_F	486.1	1.66749
$n_{F'}$	480.0	1.66824
n_g	435.8	1.67473
n_h	404.7	1.68085
n_i	365.0	1.69151

Constants of Dispersion Formula	
A_0	2.6904519
A_1	-7.3635669×10^{-3}
A_2	2.2699213×10^{-2}
A_3	-7.9459458×10^{-4}
A_4	1.6107512×10^{-4}
A_5	-6.9296954×10^{-6}

Deviation of Relative Partial Dispersions ΔP from the“Normal Line”	
$\Delta P_{F,e}$	-0.0003
$\Delta Pg_{,F}$	0.0001

Relative Partial Dispersions			
$P_{d,c}$	0.3006	$P'_{d,c'}$	0.2504
$P_{e,d}$	0.2380	$P'_{e,d}$	0.2355
$P_{g,F}$	0.5592	$P'_{g,F'}$	0.4962

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
$T_{10}^{7.6}$（℃）	781
$\alpha_{20/120℃}$(10^{-7}/K)	78
$\alpha_{100/300℃}$(10^{-7}/K)	90
λ (W/m・K)	

Mechanical Properties	
H_K (10^7Pa)	508
F_A	156
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	1.3	1.7	1.9	2.0	2.7
-20～0	1.0	1.4	1.6	1.9	2.2	2.7
0～20	1.0	1.7	1.8	2.0	2.3	3.0
20～40	1.1	1.7	1.8	2.0	2.7	3.1
40～60	1.2	1.7	2.0	2.2	2.8	3.1
60～80	1.4	1.6	1.9	2.3	2.7	3.4

CDGM