H-ZLaF68 883408	n_d =1.88300	υ_d = 40.79	$n_F - n_C$ = 0.021640
	n_e = 1.88815	υ_e = 40.56	$n_{F'} - n_{C'}$ = 0.021897

Refractive Indices		
	λ (nm)	
n_t	1014.0	1.86052
n_r	706.5	1.87299
n_c	656.3	1.87657
$n_{c'}$	643.8	1.87758
n_{He-Ne}	632.8	1.87853
n_D	589.3	1.88281
n_d	587.6	1.88300
n_e	546.1	1.88815
n_F	486.1	1.89821
$n_{F'}$	480.0	1.89948
n_g	435.8	1.91049
n_h	404.7	1.92092
n_i	365.0	1.93919

Constants of Dispersion Formula	
A_0	3.4373238
A_1	-1.2460242×10^{-2}
A_2	3.7972780×10^{-2}
A_3	-2.9459145×10^{-5}
A_4	1.3523961×10^{-4}
A_5	-4.9662702×10^{-6}

Deviation of Relative Partial Dispersions ΔP from the"Normal Line"	
$\Delta P_{F,e}$	-0.0022
$\Delta Pg_{,F}$	-0.0089

Relative Partial Dispersions			
$P_{d,c}$	0.2972	$P'_{d,c'}$	0.2475
$P_{e,d}$	0.2378	$P'_{e,d}$	0.2350
$P_{g,F}$	0.5674	$P'_{g,F'}$	0.5027

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

Thermal Properties	
T_g (℃)	727
T_s (℃)	776
$T_{10^{14.5}}$ (℃)	685
$T_{10^{13}}$ (℃)	719
$T_{10^{7.6}}$(℃)	843
$\alpha_{20/120℃}$(10^{-7}/K)	69
$\alpha_{100/300℃}$(10^{-7}/K)	80
λ (W/m・K)	

Mechanical Properties	
H_K (10^7Pa)	723
F_A	83
E (10^7Pa)	12653
G (10^7Pa)	4878
μ	0.297
B (10^{-12}/Pa)	

Other Properties	
ρ (g/cm^3)	5.50

Internal Transmittance		
λ (nm)	τ 5 mm	τ 10 mm
2400	0.901	0.811
2200	0.973	0.947
2000	0.991	0.982
1800	0.997	0.994
1600	0.998	0.997
1400	0.998	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	0.995	0.991
700	0.994	0.988
650	0.993	0.987
600	0.993	0.987
550	0.993	0.987
500	0.990	0.980
480	0.987	0.975
460	0.984	0.968
440	0.980	0.960
420	0.974	0.948
400	0.961	0.923
390	0.947	0.898
380	0.925	0.855
370	0.88	0.79
360	0.82	0.68
350	0.73	0.53
340	0.57	0.33
330	0.34	0.12
320	0.11	0.01
310		
300		
290		
280		

Coloration Code	
λ_{70}/λ_5	38/32

Temperature Coefficients of Refractive Index

Rang of Temperature	dn/dt relative(10^{-6}/℃)					
	t	C′	d	e	F′	g
-40～-20	1.4	3.0	3.4	3.7	3.9	4.9
-20～0	2.5	3.3	3.5	4.0	4.6	5.7
0～20	2.6	3.4	3.9	4.1	4.9	5.7
20～40	2.9	3.5	3.8	4.3	5.1	5.7
40～60	2.9	3.5	3.9	4.4	5.2	5.8
60～80	3.2	4.1	4.3	4.5	5.2	6.0

CDGM