H-ZLaF75A 904313	n_d =1.90366	υ_d = 31.32	$n_F - n_C$ = 0.028857
	n_e = 1.91048	υ_e = 31.08	$n_{F'} - n_{C'}$ = 0.029295

Refractive Indices		
	λ (nm)	
n_t	1014.0	1.87512
n_r	706.5	1.89065
n_C	656.3	1.89526
$n_{C'}$	643.8	1.89657
n_{He-Ne}	632.8	1.89781
n_D	589.3	1.90341
n_d	587.6	1.90366
n_e	546.1	1.91048
n_F	486.1	1.92412
$n_{F'}$	480.0	1.92587
n_g	435.8	1.94125
n_h	404.7	1.95634
n_i	365.0	1.98438

Constants of Dispersion Formula	
A_0	3.4875132
A_1	-1.4973227×10^{-2}
A_2	4.3228810×10^{-2}
A_3	2.1059221×10^{-3}
A_4	-1.0028490×10^{-4}
A_5	1.6232663×10^{-5}

Deviation of Relative Partial Dispersions ΔP from the"Normal Line"	
$\Delta P_{F,e}$	0.0002
$\Delta P_{g,F}$	0.0012

Relative Partial Dispersions			
$P_{d,C}$	0.2911	$P'_{d,C'}$	0.2420
$P_{e,d}$	0.2363	$P'_{e,d}$	0.2328
$P_{g,F}$	0.5935	$P'_{g,F'}$	0.5249

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

Thermal Properties	
T_g (℃)	671
T_s (℃)	702
$T_{10^{14.5}}$ (℃)	622
$T_{10^{13}}$ (℃)	654
$T_{10^{7.6}}$(℃)	753
$\alpha_{20/120℃}$(10^{-7}/K)	78
$\alpha_{100/300℃}$(10^{-7}/K)	88
λ (W/m・K)	

Mechanical Properties	
H_K (10^7Pa)	685
F_A	124
E (10^7Pa)	11734
G (10^7Pa)	4523
μ	0.297
B (10^{-12}/Pa)	

Other Properties	
ρ (g/cm^3)	4.56

Internal Transmittance		
λ (nm)	τ 5 mm	τ 10 mm
2400	0.906	0.821
2200	0.973	0.946
2000	0.989	0.978
1800	0.997	0.994
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	0.997	0.995
700	0.996	0.993
650	0.996	0.993
600	0.996	0.993
550	0.995	0.991
500	0.988	0.977
480	0.984	0.969
460	0.977	0.955
440	0.966	0.934
420	0.949	0.901
400	0.909	0.827
390	0.868	0.753
380	0.791	0.625
370	0.625	0.390
360	0.302	0.091
350		
340		
330		
320		
310		
300		
290		
280		

Coloration Code	
λ_{70}/λ_5	40/36

Temperature Coefficients of Refractive Index

Rang of Temperature	dn/dt relative(10^{-6}/℃)					
	t	C′	d	e	F′	g
-40～-20	0.0	1.4	1.5	2.1	3.1	4.3
-20～0	0.8	1.8	2.3	2.7	3.8	5.2
0～20	1.0	1.9	2.5	3.0	4.1	5.7
20～40	1.1	1.9	2.6	3.0	4.2	5.7
40～60	1.0	2.2	2.6	3.2	4.5	6.0
60～80	1.1	2.6	3.0	3.4	5.1	6.4