H-ZF72A 923189	n_d =1.92286	υ_d = 18.90	$n_F - n_C$ = 0.048839
	n_e =1.93429	υ_e = 18.74	$n_{F'} - n_{C'}$ = 0.049853

Refractive Indices		
	λ (nm)	
n_t	1014.0	1.87807
n_r	706.5	1.90181
n_c	656.3	1.90916
$n_{c'}$	643.8	1.91127
n_{He-Ne}	632.8	1.91327
n_D	589.3	1.92245
n_d	587.6	1.92286
n_e	546.1	1.93429
n_F	486.1	1.95800
$n_{F'}$	480.0	1.96113
n_g	435.8	1.98971
n_h	404.7	2.01979
n_i	365.0	

Constants of Dispersion Formula	
A_0	3.4993311
A_1	-2.7091573×10^{-2}
A_2	4.7704517×10^{-2}
A_3	1.0964633×10^{-2}
A_4	-1.3227618×10^{-3}
A_5	1.3363075×10^{-4}

Deviation of Relative Partial Dispersions ΔP from the"Normal Line"	
$\Delta P_{F,e}$	0.0062
$\Delta P_{g,F}$	0.0357

Relative Partial Dispersions			
$P_{d,c}$	0.2806	$P'_{d,c'}$	0.2324
$P_{e,d}$	0.2341	$P'_{e,d}$	0.2293
$P_{g,F}$	0.6493	$P'_{g,F'}$	0.5733

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

Thermal Properties	
T_g (℃)	667
T_s (℃)	697
$T_{10^{14.5}}$ (℃)	614
$T_{10^{13}}$ (℃)	649
$T_{10^{7.6}}$(℃)	
$\alpha_{20/120℃}$(10^{-7}/K)	69
$\alpha_{100/300℃}$(10^{-7}/K)	84
λ (W/m・K)	

Mechanical Properties	
H_K (10^7Pa)	484
F_A	193
E (10^7Pa)	10223
G (10^7Pa)	4012
μ	0.274
B (10^{-12}/Pa)	3.19

Other Properties	
ρ (g/cm^3)	3.57

Internal Transmittance		
λ (nm)	τ 5 mm	τ 10 mm
2400	0.965	0.931
2200	0.978	0.956
2000	0.985	0.971
1800	0.992	0.984
1600	0.996	0.992
1400	0.996	0.992
1200	0.999	0.998
1060	0.999	0.998
1000	0.998	0.996
950	0.997	0.995
900	0.997	0.995
850	0.997	0.994
800	0.997	0.994
700	0.996	0.992
650	0.995	0.991
600	0.995	0.989
550	0.988	0.977
500	0.971	0.942
480	0.959	0.920
460	0.942	0.888
440	0.914	0.836
420	0.850	0.723
400	0.548	0.300
390	0.129	0.017
380		
370		
360		
350		
340		
330		
320		
310		
300		
290		
280		

Coloration Code	
λ_{70}/λ_5	45/39

Temperature Coefficients of Refractive Index

Rang of Temperature	dn/dt relative(10^{-6}/℃)					
	t	C′	d	e	F′	g
-40～-20	-1.8	-0.3	-0.1	0.8	2.8	5.8
-20～0	-1.8	0.1	0.9	1.3	3.6	6.2
0～20	-1.2	0.3	1.2	1.9	4.3	7.5
20～40	-0.4	0.7	1.5	2.1	5.1	8.3
40～60	-1.0	1.9	2.1	3.7	5.9	9.2
60～80	-1.1	-0.4	2.2	2.7	5.2	10.0