ZF1	648338	n_d = 1.64769	υ_d = 33.84	$n_F - n_C$ =0.019142
		n_e = 1.65223	υ_e = 33.59	$n_{F'} - n_{C'}$ =0.019419

Refractive Indices		
	λ (nm)	
n_t	1014.0	
n_r	706.5	1.63902
n_C	656.3	1.64210
$n_{C'}$	643.8	1.64297
n_{He-Ne}	632.8	1.64380
n_D	589.3	1.64753
n_d	587.6	1.64769
n_e	546.1	1.65223
n_F	486.1	1.66124
$n_{F'}$	480.0	1.66239
n_g	435.8	1.67251
n_h	404.7	1.68236
n_i	365.0	1.70035

Constants of Dispersion Formula	
A_0	2.6356161
A_1	-8.8396420×10^{-3}
A_2	2.5644781×10^{-2}
A_3	9.6522374×10^{-4}
A_4	-1.8304798×10^{-5}
A_5	5.5563517×10^{-6}

Deviation of Relative Partial Dispersions ΔP from the"Normal Line"	
$\Delta P_{F,e}$	-0.0001
$\Delta Pg_{,F}$	0.0006

Relative Partial Dispersions			
$P_{d,C}$	0.2923	$P'_{d,C'}$	0.2430
$P_{e,d}$	0.2368	$P'_{e,d}$	0.2334
$P_{g,F}$	0.5887	$P'_{g,F'}$	0.5210

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

Thermal Properties	
T_g (℃)	430
T_s (℃)	480
$T_{10^{14.5}}$ (℃)	425
$T_{10^{13}}$ (℃)	437
$T_{10^{7.6}}$(℃)	571
$\alpha_{20/120℃}$(10^{-7}/K)	91
$\alpha_{100/300℃}$(10^{-7}/K)	104
λ (W/m・K)	

Mechanical Properties	
H_K (10^7Pa)	410
F_A	
E (10^7Pa)	5330
G (10^7Pa)	2160
μ	0.235
B (10^{-12}/Pa)	

Other Properties	
ρ (g/cm^3)	3.84

Internal Transmittance		
λ (nm)	τ 5 mm	τ 10 mm
2400	0.949	0.900
2200	0.960	0.922
2000	0.970	0.941
1800	0.988	0.976
1600	0.996	0.992
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	0.999	0.998
700	0.999	0.998
650	0.999	0.998
600	0.999	0.998
550	0.999	0.998
500	0.998	0.997
480	0.998	0.996
460	0.997	0.994
440	0.996	0.992
420	0.994	0.989
400	0.990	0.981
390	0.984	0.969
380	0.976	0.953
370	0.963	0.928
360	0.93	0.87
350	0.85	0.73
340	0.66	0.43
330	0.28	0.08
320		
310		
300		
290		
280		

Coloration Code	
λ_{80}/λ_5	36/33

Temperature Coefficients of Refractive Index

Rang of Temperature	dn/dt relative(10^{-6}/℃)					
	t	C′	d	e	F′	g
-40～-20						
-20～0						
0～20						
20～40						
40～60						
60～80						

CDGM