ZF2	673322	n_d =1.67270	υ_d = 32.17	$n_F - n_C$ =0.020909
		n_e =1.67765	υ_e = 31.93	$n_{F'} - n_{C'}$ =0.021221

Refractive Indices

	λ（nm）	
n_t	1014.0	1.65206
n_r	706.5	1.66326
n_c	656.3	1.66661
$n_{c'}$	643.8	1.66756
n_{He-Ne}	632.8	1.66846
n_D	589.3	1.67252
n_d	587.6	1.67270
n_e	546.1	1.67765
n_F	486.1	1.68752
$n_{F'}$	480.0	1.68878
n_g	435.8	1.69985
n_h	404.7	1.71066
n_i	365.0	1.73049

Constants of Dispersion Formula

A_0	2.7082044
A_1	-7.9417116×10^{-3}
A_2	2.9222478×10^{-2}
A_3	8.8493162×10^{-4}
A_4	6.6862056×10^{-7}
A_5	5.6590277×10^{-6}

Deviation of Relative Partial Dispersions ΔP from the"Normal Line"

$\Delta P_{F,e}$	0.0000
$\Delta Pg_{,F}$	-0.0014

Relative Partial Dispersions

$P_{d,c}$	0.2914	$P'_{d,c'}$	0.2423
$P_{e,d}$	0.2367	$P'_{e,d}$	0.2332
$P_{g,F}$	0.5896	$P'_{g,F'}$	0.5215

Chemical Properties

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

Thermal Properties

T_g （℃）	430
T_s （℃）	480
$T_{10}^{14.5}$ （℃）	414
T_{10}^{13} （℃）	434
$T_{10}^{7.6}$（℃）	586
$\alpha_{20/120℃}$(10^{-7}/K)	85
$\alpha_{100/300℃}$(10^{-7}/K)	95
λ (W/m • K)	

Mechanical Properties

H_K (10^7Pa)	400
F_A	95
E (10^7Pa)	5548
G (10^7Pa)	2256
μ	0.229
B (10^{-12}/Pa)	

Other Properties

ρ (g/cm^3)	4.08

Temperature Coefficients of Refractive Index

Rang of Temperature	dn/dt relative(10^{-6}/℃)					
	t	C′	d	e	F′	g
-40～-20	2.3	3.3	3.6	3.9	4.7	6.1
-20～0	2.5	3.5	4.3	4.7	5.8	7.4
0～20	2.4	4.0	4.4	4.8	6.0	7.3
20～40	2.5	3.9	4.4	4.7	5.8	7.3
40～60	3.1	4.1	4.8	5.5	6.6	7.5
60～80	3.8	5.1	5.5	6.0	7.3	8.8

Internal Transmittance

λ （nm）	τ 5 mm	τ 10 mm
2400	0.963	0.928
2200	0.970	0.941
2000	0.979	0.958
1800	0.990	0.980
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	0.999
700	0.999	0.999
650	0.999	0.999
600	0.999	0.999
550	0.998	0.997
500	0.998	0.996
480	0.998	0.996
460	0.997	0.994
440	0.997	0.994
420	0.994	0.989
400	0.989	0.977
390	0.983	0.967
380	0.979	0.958
370	0.948	0.899
360	0.89	0.79
350	0.73	0.53
340	0.38	0.14
330	0.06	
320		
310		
300		
290		
280		

Coloration Code

λ_{80}/λ_5	38/34

CDGM *2008*