F4	620364	n_d = 1.62005	υ_d = 36.35	$n_F - n_C$ = 0.017060
		n_e =1.62408	υ_e = 36.09	$n_{F'} - n_{c'}$ = 0.017291

Refractive Indices		
	λ（nm）	
n_t	1014.0	1.60284
n_r	706.5	1.61228
n_c	656.3	1.61504
$n_{c'}$	643.8	1.61582
n_{He-Ne}	632.8	1.61656
n_D	589.3	1.61990
n_d	587.6	1.62005
n_e	546.1	1.62408
n_F	486.1	1.63210
$n_{F'}$	480.0	1.63312
n_g	435.8	1.64205
n_h	404.7	1.65067
n_i	365.0	1.66626

Constants of Dispersion Formula	
A_0	2.5540225
A_1	-8.0516143×10^{-3}
A_2	2.3442115×10^{-2}
A_3	5.6021329×10^{-4}
A_4	2.3591390×10^{-5}
A_5	1.8820810×10^{-6}

Deviation of Relative Partial Dispersions ΔP from the“Normal Line”	
$\Delta P_{F,e}$	0.0000
$\Delta Pg_{,F}$	0.0000

Relative Partial Dispersions			
$P_{d,c}$	0.2938	$P'_{d,c'}$	0.2443
$P_{e,d}$	0.2365	$P'_{e,d}$	0.2334
$P_{g,F}$	0.5837	$P'_{g,F'}$	0.5170

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

Thermal Properties	
T_g （℃）	417
T_s （℃）	470
$T_{10}^{14.5}$ （℃）	364
T_{10}^{13} （℃）	402
$T_{10}^{7.6}$（℃）	562
$\alpha_{20/120℃}$(10^{-7}/K)	95
$\alpha_{100/300℃}$(10^{-7}/K)	114
λ (W/m • K)	

Mechanical Properties	
H_K (10^7Pa)	381
F_A	86
E (10^7Pa)	5854
G (10^7Pa)	2375
μ	0.232
B (10^{-12}/Pa)	

Other Properties	
ρ (g/cm^3)	3.57

Temperature Coefficients of Refractive Index						
Rang of Temperature	dn/dt relative(10^{-6}/℃)					
	t	C′	d	e	F′	g
-40～-20	-0.2	0.9	0.9	1.5	2.5	3.1
-20～0	0.3	1.0	1.6	1.6	2.5	3.5
0～20	0.3	1.3	1.6	1.6	2.5	3.6
20～40	0.9	1.6	1.9	2.5	3.2	4.2
40～60	1.9	1.7	2.0	2.7	3.6	4.5
60～80	1.0	2.0	2.6	2.8	3.7	4.8

Internal Transmittance		
λ （nm）	τ 5 mm	τ 10 mm
2400	0.89	0.79
2200	0.918	0.842
2000	0.958	0.917
1800	0.980	0.961
1600	0.996	0.992
1400	0.997	0.995
1200	0.999	0.998
1060	0.999	0.999
1000	0.999	0.999
950	0.999	0.999
900	0.999	0.998
850	0.999	0.998
800	0.997	0.994
700	0.997	0.994
650	0.997	0.994
600	0.997	0.994
550	0.997	0.994
500	0.996	0.993
480	0.996	0.992
460	0.995	0.991
440	0.994	0.989
420	0.994	0.988
400	0.992	0.985
390	0.990	0.980
380	0.985	0.970
370	0.979	0.959
360	0.965	0.931
350	0.931	0.867
340	0.84	0.71
330	0.60	0.36
320	0.16	0.03
310		
300		
290		
280		

Coloration Code	
λ_{80}/λ_5	35/32

CDGM