H-BaK4	552634	n_d =1.55248	υ_d =63.36	$n_F - n_C$ =0.008720
		n_e =1.55456	υ_e =63.10	$n_{F'} - n_{C'}$ =0.008788

Refractive Indices		
	λ（nm）	
n_t	1014.0	
n_r	706.5	1.54827
n_c	656.3	1.54981
$n_{c'}$	643.8	1.55023
n_{He-Ne}	632.8	1.55063
n_D	589.3	1.55240
n_d	587.6	1.55248
n_e	546.1	1.55456
n_F	486.1	1.55853
$n_{F'}$	480.0	1.55902
n_g	435.8	1.56321
n_h	404.7	1.56707
n_i	365.0	1.57364

Constants of Dispersion Formula	
A_0	2.3778046
A_1	-1.0321230×10^{-2}
A_2	1.1699657×10^{-2}
A_3	2.9335308×10^{-4}
A_4	-2.0561405×10^{-5}
A_5	1.3582660×10^{-6}

Deviation of Relative Partial Dispersions ΔP from the“Normal Line”	
$\Delta P_{F,e}$	0.0002
$\Delta Pg_{,F}$	-0.0012

Relative Partial Dispersions			
$P_{d,c}$	0.3062	$P'_{d,c'}$	0.2560
$P_{e,d}$	0.2385	$P'_{e,d}$	0.2367
$P_{g,F}$	0.5366	$P'_{g,F'}$	0.4768

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

Thermal Properties	
T_g （℃）	611
T_s （℃）	667
$T_{10}^{14.5}$ （℃）	546
T_{10}^{13} （℃）	588
$T_{10}^{7.6}$（℃）	753
$\alpha_{20/120℃}$(10^{-7}/K)	64
$\alpha_{100/300℃}$(10^{-7}/K)	76
λ (W/m • K)	

Mechanical Properties	
H_K (10^7Pa)	550
F_A	108
E (10^7Pa)	8277
G (10^7Pa)	3370
μ	0.228
B (10^{-12}/Pa)	

Other Properties	
ρ (g/cm^3)	2.90

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						

Internal Transmittance		
λ （nm）	τ 5 mm	τ 10 mm
2400	0.90	0.81
2200	0.935	0.874
2000	0.981	0.963
1800	0.991	0.982
1600	0.997	0.994
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	0.998	0.997
650	0.998	0.996
600	0.998	0.996
550	0.998	0.996
500	0.997	0.995
480	0.997	0.994
460	0.996	0.993
440	0.996	0.992
420	0.996	0.992
400	0.995	0.991
390	0.993	0.987
380	0.991	0.982
370	0.988	0.976
360	0.980	0.960
350	0.964	0.930
340	0.931	0.867
330	0.87	0.76
320	0.78	0.61
310	0.64	0.41
300	0.44	0.19
290	0.22	0.05
280	0.07	

Coloration Code	
λ_{80}/λ_5	34/29

CDGM