H-BaK7	569560	n_d = 1.56883	υ_d = 56.04	$n_F - n_C$ = 0.010150
		n_e = 1.57125	υ_e = 55.78	$n_{F'} - n_{c'}$ = 0.010242

Refractive Indices		
	λ（nm）	
n_t	1014.0	1.55753
n_r	706.5	1.56400
n_c	656.3	1.56575
$n_{c'}$	643.8	1.56624
n_{He-Ne}	632.8	1.56670
n_D	589.3	1.56874
n_d	587.6	1.56883
n_e	546.1	1.57125
n_F	486.1	1.57590
$n_{F'}$	480.0	1.57648
n_g	435.8	1.58148
n_h	404.7	1.58615
n_i	365.0	1.59418

Constants of Dispersion Formula	
A_0	2.4180354
A_1	-7.6261289×10^{-3}
A_2	1.6559628×10^{-2}
A_3	-5.2124625×10^{-4}
A_4	1.0612852×10^{-4}
A_5	-4.8581855×10^{-6}

Deviation of Relative Partial Dispersions ΔP from the“Normal Line”	
$\Delta P_{F,e}$	-0.0010
$\Delta Pg_{,F}$	-0.0003

Relative Partial Dispersions			
$P_{d,c}$	0.3034	$P'_{d,c'}$	0.2529
$P_{e,d}$	0.2384	$P'_{e,d}$	0.2363
$P_{g,F}$	0.5450	$P'_{g,F'}$	0.4884

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

Thermal Properties	
T_g （℃）	581
T_s （℃）	642
$T_{10}^{14.5}$ （℃）	541
T_{10}^{13} （℃）	580
$T_{10}^{7.6}$（℃）	733
$\alpha_{20/120℃}$(10^{-7}/K)	77
$\alpha_{100/300℃}$(10^{-7}/K)	90
λ (W/m • K)	

Mechanical Properties	
H_K (10^7Pa)	578
F_A	117
E (10^7Pa)	8241
G (10^7Pa)	3315
μ	0.243
B (10^{-12}/Pa)	

Other Properties	
ρ (g/cm^3)	2.83

Temperature Coefficients of Refractive Index						
Rang of Temperature	dn/dt relative(10^{-6}/℃)					
	t	C′	d	e	F′	g
-40～-20	1.8	2.2	2.4	2.5	2.8	3.3
-20～0	2.1	2.5	2.7	2.9	3.1	3.5
0～20	2.2	2.5	2.8	2.9	3.1	3.7
20～40	2.2	2.5	2.8	2.9	3.1	3.7
40～60	2.3	2.7	2.9	3.0	3.4	3.7
60～80	2.4	2.8	2.9	3.0	3.7	3.9

Internal Transmittance		
λ （nm）	τ 5 mm	τ 10 mm
2400	0.914	0.835
2200	0.940	0.884
2000	0.979	0.958
1800	0.988	0.977
1600	0.996	0.992
1400	0.992	0.985
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	0.998	0.997
700	0.997	0.995
650	0.997	0.994
600	0.996	0.993
550	0.996	0.993
500	0.996	0.992
480	0.995	0.991
460	0.994	0.989
440	0.994	0.988
420	0.994	0.988
400	0.994	0.989
390	0.991	0.983
380	0.989	0.978
370	0.980	0.960
360	0.956	0.914
350	0.893	0.798
340	0.727	0.529
330	0.386	0.149
320		
310		
300		
290		
280		

Coloration Code	
λ_{80}/λ_5	36/33

CDGM