H-BaK1	530605	n_d =1.53028	υ_d =60.47	$n_F - n_C$ =0.008770
		n_e =1.53237	υ_e =60.17	$n_{F'} - n_{C'}$ =0.008847

Refractive Indices		
	λ (nm)	
n_t	1014.0	1.52035
n_r	706.5	1.52608
n_C	656.3	1.52761
$n_{C'}$	643.8	1.52803
n_{He-Ne}	632.8	1.52843
n_D	589.3	1.53020
n_d	587.6	1.53028
n_e	546.1	1.53237
n_F	486.1	1.53638
$n_{F'}$	480.0	1.53688
n_g	435.8	1.54114
n_h	404.7	1.54509
n_i	365.0	1.55181

Constants of Dispersion Formula	
A_0	2.3086570
A_1	-8.7290400×10^{-3}
A_2	1.1953397×10^{-2}
A_3	1.5970091×10^{-4}
A_4	6.9980591×10^{-6}
A_5	-3.3371754×10^{-7}

Deviation of Relative Partial Dispersions ΔP from the"Normal Line"	
$\Delta P_{F,e}$	0.0006
$\Delta P_{g,F}$	0.0002

Relative Partial Dispersions			
$P_{d,C}$	0.3046	$P'_{d,C'}$	0.2542
$P_{e,d}$	0.2381	$P'_{e,d}$	0.2360
$P_{g,F}$	0.5429	$P'_{g,F'}$	0.4816

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

Thermal Properties	
T_g (℃)	564
T_s (℃)	645
$T_{10^{14.5}}$ (℃)	506
$T_{10^{13}}$ (℃)	553
$T_{10^{7.6}}$(℃)	744
$\alpha_{20/120℃}$(10^{-7}/K)	74
$\alpha_{100/300℃}$(10^{-7}/K)	90
λ (W/m・K)	

Mechanical Properties	
H_K (10^7Pa)	486
F_A	85
E (10^7Pa)	7095
G (10^7Pa)	2900
μ	0.223
B (10^{-12}/Pa)	

Other Properties	
ρ (g/cm^3)	2.74

Internal Transmittance		
λ (nm)	τ 5 mm	τ 10 mm
2400	0.90	0.82
2200	0.926	0.858
2000	0.968	0.937
1800	0.986	0.972
1600	0.997	0.995
1400	0.997	0.995
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	0.998	0.996
650	0.997	0.995
600	0.997	0.995
550	0.997	0.995
500	0.996	0.993
480	0.996	0.992
460	0.995	0.991
440	0.995	0.991
420	0.995	0.991
400	0.995	0.991
390	0.995	0.990
380	0.993	0.986
370	0.993	0.986
360	0.990	0.981
350	0.986	0.972
340	0.974	0.949
330	0.949	0.900
320	0.89	0.79
310	0.77	0.59
300	0.54	0.29
290	0.26	0.07
280	0.07	

Coloration Code	
λ_{80}/λ_5	33/29

Temperature Coefficients of Refractive Index

Rang of Temperature	dn/dt relative(10^{-6}/℃)					
	t	C′	d	e	F′	g
-40～-20	0.4	1.0	1.2	1.2	1.4	1.9
-20～0	1.2	1.6	1.6	1.7	1.7	2.2
0～20	1.4	1.6	1.7	1.8	2.3	2.3
20～40	1.3	1.7	1.9	2.1	2.4	2.7
40～60	1.3	1.7	2.0	2.0	2.5	2.9
60～80	1.5	1.8	1.9	2.1	2.6	3.1