H-LaK50A 652584	n_d =1.65160	υ_d =58.40	$n_F - n_C$ =0.011157
	n_e =1.65426	υ_e =58.15	$n_{F'} - n_{C'}$ =0.011251

Refractive Indices		
	λ (nm)	
n_t	1014.0	1.63880
n_r	706.5	1.64625
n_c	656.3	1.64821
$n_{c'}$	643.8	1.64875
n_{He-Ne}	632.8	1.64925
n_D	589.3	1.65150
n_d	587.6	1.65160
n_e	546.1	1.65426
n_F	486.1	1.65936
$n_{F'}$	480.0	1.66000
n_g	435.8	1.66539
n_h	404.7	1.67039
n_i	365.0	1.67886

Constants of Dispersion Formula	
A_0	2.6841191
A_1	-1.3655729×10^{-2}
A_2	1.5661713×10^{-2}
A_3	3.8271126×10^{-4}
A_4	-8.0234376×10^{-6}
A_5	1.7163368×10^{-7}

Deviation of Relative Partial Dispersions ΔP from the"Normal Line"	
$\Delta P_{F,e}$	-0.0007
$\Delta Pg_{,F}$	-0.0057

Relative Partial Dispersions			
$P_{d,c}$	0.3038	$P'_{d,c'}$	0.2533
$P_{e,d}$	0.2384	$P'_{e,d}$	0.2364
$P_{g,F}$	0.5405	$P'_{g,F'}$	0.4791

Chemical Properties	
	Grade
RC(S)	1
RA(S)	3
D_W	3
D_A	6

Thermal Properties	
T_g (℃)	594
T_s (℃)	633
$T_{10^{14.5}}$ (℃)	554
$T_{10^{13}}$ (℃)	585
$T_{10^{7.6}}$(℃)	688
$\alpha_{20/120℃}$(10^{-7}/K)	68
$\alpha_{100/300℃}$(10^{-7}/K)	82
λ (W/m・K)	

Mechanical Properties	
H_K (10^7Pa)	618
F_A	
E (10^7Pa)	10142
G (10^7Pa)	4011
μ	0.264
B (10^{-12}/Pa)	

Other Properties	
ρ (g/cm^3)	3.50

Internal Transmittance		
λ (nm)	τ 5 mm	τ 10 mm
2400	0.81	0.65
2200	0.935	0.873
2000	0.980	0.960
1800	0.992	0.984
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	0.992
440	0.995	0.991
420	0.995	0.990
400	0.992	0.985
390	0.990	0.980
380	0.985	0.971
370	0.977	0.954
360	0.959	0.920
350	0.931	0.866
340	0.88	0.77
330	0.80	0.63
320	0.66	0.44
310	0.47	0.22
300	0.22	0.05
290		
280		

Coloration Code	
λ_{80}/λ_5	36/28

Temperature Coefficients of Refractive Index

Rang of Temperature	dn/dt relative(10^{-6}/℃)					
	t	C′	d	e	F′	g
-40～-20	1.3	1.5	2.1	2.3	2.5	2.8
-20～0	2.0	2.6	2.7	2.8	3.0	3.3
0～20	2.0	2.3	2.6	2.7	2.8	3.2
20～40	2.0	2.2	2.5	2.6	2.9	3.3
40～60	2.1	2.4	2.5	2.6	2.8	3.5
60～80	2.2	2.3	2.4	2.9	3.7	3.9