H-LaK1 660574

n_d = 1.65950	υ_d = 57.35	$n_F - n_c$ = 0.011500
n_e = 1.66224	υ_e = 57.13	$n_{F'} - n_{c'}$ = 0.011592

Refractive Indices		
	λ(nm)	
n_r	706.5	1.65403
n_c	656.3	1.65600
$n_{c'}$	643.8	1.65655
n_{He-Ne}	632.8	1.65707
n_D	589.3	1.65939
n_d	587.6	1.65950
n_e	546.1	1.66224
n_F	486.1	1.66750
$n_{F'}$	480.0	1.66814
n_g	435.8	1.67376
n_h	404.7	1.67897
n_i	365.0	1.68783

Chemical Properties (grade)	
RC(S)	
RA(S)	
D_W	3
D_A	4

Thermal Properties	
Tg(℃)	624
Ts(℃)	675
$T_{10}^{14.5}$(℃)	588
T_{10}^{13}(℃)	617
$\alpha_{20/120℃}$ (10^{-7}/K)	70
$\alpha_{20/300℃}$ (10^{-7}/K)	77
λ(W/m·K)	

Internal Transmittance		
λ(nm)	τ5mm	τ10mm
2400	0.892	0.796
2200	0.981	0.962
2000	0.999	0.998
1800	0.999	0.998
1600	0.999	0.998
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	0.999	0.998
650	0.999	0.998
600	0.999	0.998
550	0.999	0.998
500	0.999	0.998
480	0.999	0.998
460	0.999	0.998
440	0.999	0.998
420	0.998	0.996
400	0.996	0.992
390	0.993	0.986
380	0.988	0.976
370	0.983	0.966
360	0.971	0.943
350	0.951	0.904
340	0.921	0.848
330	0.871	0.759
320	0.793	0.629
310	0.677	0.458
300	0.510	0.260
290	0.296	0.088
280	0.104	0.011

Constants of Dispersion Formula	
A_0	2.6782778
A_1	8.9293326×10-3
A_2	3.1728502×10-2
A_3	-3.4148799×10-3
A_4	4.4018088×10-4
A_5	-1.9725346×10-5

Mechanical Properties	
H_K(10^7Pa)	581
F_A	
E(10^7Pa)	9089
G(10^7Pa)	3570
μ	0.273
B(10^{-12}/Pa)	

Relative Partial Dispersion			
$P_{d,c}$	0.3043	$P'_{d,c'}$	0.2539
$P_{e,d}$	0.2388	$P'_{e,d}$	0.2369
$P_{g,F}$	0.5448	$P'_{g,F'}$	0.4844

Anomalous dispersions	
$\Delta P_{F,e}$	-0.0017
$\Delta P_{g,F}$	-0.0036

Range of Temperature (℃)	Temperature Coefficients of Refractive Index dn/dt relative (10^{-6} / ℃)						
	t	C'	He-Ne	D	e	F'	g
-40～-20							
-20～0							
0～20							
20～40							
40～60							
60～80							

Density	
ρ(g/cm^3)	3.64

Coloration Code			
λ_{80}/λ_5	36/29	λ_{70}/λ_5	