H-LaK3	747510	n_d = 1.746930	υ_d = 50.95	$n_F - n_C$ = 0.014660
		n_e = 1.750422	υ_e = 50.71	$n_{F'} - n_{C'}$ = 0.014799

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.706139
$n_{1970.09}$	1970.09	1.713611
$n_{1529.58}$	1529.58	1.721523
$n_{1060.0}$	1060.0	1.729780
n_t	1013.98	1.730735
n_s	852.11	1.734735
n_r	706.52	1.739988
n_C	656.27	1.742498
$n_{C'}$	643.85	1.743202
n_{He-Ne}	632.8	1.743860
n_D	589.29	1.746800
n_d	587.56	1.746930
n_e	546.07	1.750422
n_F	486.13	1.757158
$n_{F'}$	479.99	1.758001
n_g	435.83	1.765227
n_h	404.66	1.771971
n_i	365.01	1.783558
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	1.27801447E+00
L_1	9.06830082E+01
K_2	1.19473815E+00
L_2	1.81704833E-02
K_3	7.93028102E-01
L_3	1.08737276E-03

折射率温度系数常数 Constants of dn/dt

D_0	
D_1	
D_2	
E_0	
E_1	
λ_{TK}(μm)	

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2729	$P'_{s,t}$	0.2703
$P_{C,s}$	0.5295	$P'_{C',s}$	0.5721
$P_{d,C}$	0.3023	$P'_{d,C'}$	0.2519
$P_{e,d}$	0.2382	$P'_{e,d}$	0.2360
$P_{g,F}$	0.5504	$P'_{g,F'}$	0.4883
$P_{i,h}$	0.7904	$P'_{i,h}$	0.7830

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0161	$\Delta P_{C,s}$	0.0073
$\Delta P_{F,e}$	-0.0024	$\Delta P_{g,F}$	-0.0085

着色度 Color Code

λ_{80}/λ_5	380/320
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	663
T_s (℃)	689
$T_{10}^{14.5}$ (℃)	603
T_{10}^{13} (℃)	634
$T_{10}^{7.6}$(℃)	742
$\alpha_{-30/70℃}$(10^{-7}/K)	60
$\alpha_{100/300℃}$(10^{-7}/K)	74
λ[W/(m·K)]	0.688
c_p[J/(g·K)]	0.471

化学性质 Chemical Properties

	Grade
D_W	1
D_A	3
CR	1
RC(S)	1
RA(S)	3

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.820	0.670
2200	0.951	0.905
2000	0.983	0.966
1800	0.996	0.992
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	0.998	0.997
700	0.997	0.995
650	0.997	0.995
600	0.997	0.995
550	0.997	0.994
500	0.994	0.988
480	0.991	0.983
460	0.988	0.977
440	0.985	0.971
420	0.982	0.965
400	0.977	0.954
390	0.971	0.942
380	0.959	0.920
370	0.939	0.881
360	0.900	0.810
350	0.840	0.700
340	0.720	0.520
330	0.510	0.260
320	0.220	0.050
310		
300		
290		
280		

折射率温度系数 Temperature Coefficients of Refractive Index

温度范围（℃） Range of Temperature	dn/dt relative(10^{-6}/℃)					
	t	C′	d	e	F′	g
-60～-40						
-40～-20	1.9	2.8	3.1	3.2	3.9	4.3
-20～0	2.7	3.2	3.9	4.0	4.4	4.6
0～20	2.9	3.6	4.1	4.5	4.9	5.3
20～40	3.5	4.1	4.2	4.5	5.2	5.8
40～60	4.0	4.5	4.8	5.1	5.4	5.9
60～80	4.4	4.6	4.8	5.2	5.7	8.2
80～100						
100～120						
120～140						

机械性质 Mechanical Properties

H_K (10^7Pa)	672
F_A	110
E (10^7Pa)	11471
G (10^7Pa)	4589
μ	0.250
B (10^{-12}/Pa)	1.59

其他性质 Other Properties

ρ (g/cm^3)	4.08

备注 Remarks

CDGM