H-LaK4L	640602	n_d = 1.640000	υ_d = 60.20	$n_F - n_C$ = 0.010631
		n_e = 1.642536	υ_e = 60.01	$n_{F'} - n_{C'}$ = 0.010708

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.603639
$n_{1970.09}$	1970.09	1.611248
$n_{1529.58}$	1529.58	1.619113
$n_{1060.0}$	1060.0	1.626709
n_t	1013.98	1.627524
n_s	852.11	1.630797
n_r	706.52	1.634856
n_C	656.27	1.636736
$n_{C'}$	643.85	1.637259
n_{He-Ne}	632.8	1.637746
n_D	589.29	1.639905
n_d	587.56	1.640000
n_e	546.07	1.642536
n_F	486.13	1.647367
$n_{F'}$	479.99	1.647967
n_g	435.83	1.653078
n_h	404.66	1.657800
n_i	365.01	1.665822
$n_{313.18}$	313.18	1.682043
$n_{302.15}$	302.15	1.686825

色散公式常数 Constants of Dispersion Formula

K_1	4.02312889E-01
L_1	-2.67679247E-03
K_2	1.24575177E+00
L_2	1.31716110E-02
K_3	1.28904431E+00
L_3	9.33654804E+01

折射率温度系数常数 Constants of dn/dt

D_0	1.06E-06
D_1	1.84E-08
D_2	-7.40E-11
E_0	2.79E-07
E_1	6.19E-10
λ_{TK}(μm)	0.275

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.3079	$P'_{s,t}$	0.3057
$P_{C,s}$	0.5586	$P'_{C',s}$	0.6035
$P_{d,C}$	0.3070	$P'_{d,C'}$	0.2560
$P_{e,d}$	0.2385	$P'_{e,d}$	0.2368
$P_{g,F}$	0.5372	$P'_{g,F'}$	0.4773
$P_{i,h}$	0.7546	$P'_{i,h}$	0.7492

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0366	$\Delta P_{C,s}$	0.0146
$\Delta P_{F,e}$	-0.0024	$\Delta P_{g,F}$	-0.0060

着色度 Color Code

λ_{80}/λ_5	355/275
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	666
T_s (℃)	686
$T_{10}^{14.5}$ (℃)	610
T_{10}^{13} (℃)	639
$T_{10}^{7.6}$(℃)	735
$\alpha_{-30/70℃}$(10^{-7}/K)	60
$\alpha_{100/300℃}$(10^{-7}/K)	78
λ[W/(m·K)]	

化学性质 Chemical Properties

	Grade
D_W	4
D_A	4
CR	3
RC(S)	1
RA(S)	3

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.760	0.580
2200	0.918	0.842
2000	0.975	0.951
1800	0.990	0.980
1600	0.995	0.991
1400	0.998	0.996
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	0.997
600	0.998	0.997
550	0.998	0.996
500	0.997	0.995
480	0.997	0.994
460	0.995	0.991
440	0.994	0.988
420	0.992	0.984
400	0.987	0.974
390	0.981	0.963
380	0.971	0.943
370	0.953	0.908
360	0.920	0.847
350	0.870	0.760
340	0.790	0.630
330	0.690	0.470
320	0.560	0.310
310	0.420	0.170
300	0.290	0.080
290	0.190	0.040
280	0.120	0.010

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	1.4	1.8	1.9	2.0	2.2	2.7
-20～0	2.0	2.2	2.3	2.4	2.4	3.1
0～20	2.1	2.2	2.4	2.7	2.9	3.2
20～40	2.2	2.5	2.6	2.7	3.3	3.7
40～60	2.3	2.8	3.0	3.1	3.4	3.7
60～80	2.5	2.9	3.0	3.1	3.4	3.8
80～100						
100～120						
120～140						

机械性质 Mechanical Properties

H_K (10^7Pa)	634
F_A	129
E (10^7Pa)	10903
G (10^7Pa)	4236
μ	0.287
B (10^{-12}/Pa)	1.99

其他性质 Other Properties

ρ (g/cm^3)	2.99

备注 Remarks

CDGM