H-LaK71	703524	n_d = 1.703000	υ_d = 52.41	$n_F - n_C$ = 0.013414
		n_e = 1.706197	υ_e = 52.15	$n_{F'} - n_{C'}$ = 0.013542

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.667873
$n_{1970.09}$	1970.09	1.673925
$n_{1529.58}$	1529.58	1.680438
$n_{1060.0}$	1060.0	1.687491
n_t	1013.98	1.688331
n_s	852.11	1.691897
n_r	706.52	1.696657
n_C	656.27	1.698947
$n_{C'}$	643.85	1.699590
n_{He-Ne}	632.8	1.700192
n_D	589.29	1.702881
n_d	587.56	1.703000
n_e	546.07	1.706197
n_F	486.13	1.712361
$n_{F'}$	479.99	1.713132
n_g	435.83	1.719732
n_h	404.66	1.725878
n_i	365.01	1.736406
$n_{313.18}$	313.18	1.758019
$n_{302.15}$	302.15	1.764480

色散公式常数 Constants of Dispersion Formula

K_1	1.12850687E+00
L_1	1.01092235E+02
K_2	5.62111972E-01
L_2	2.13536626E-02
K_3	1.27965415E+00
L_3	6.68008053E-03

折射率温度系数常数 Constants of dn/dt

D_0	7.88E-06
D_1	1.46E-08
D_2	-1.42E-11
E_0	5.79E-07
E_1	5.52E-10
λ_{TK}(μm)	0.193

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2658	$P'_{s,t}$	0.2633
$P_{C,s}$	0.5256	$P'_{C',s}$	0.5681
$P_{d,C}$	0.3021	$P'_{d,C'}$	0.2518
$P_{e,d}$	0.2383	$P'_{e,d}$	0.2361
$P_{g,F}$	0.5495	$P'_{g,F'}$	0.4874
$P_{i,h}$	0.7849	$P'_{i,h}$	0.7774

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	-0.0018	$\Delta P_{C,s}$	0.0000
$\Delta P_{F,e}$	-0.0015	$\Delta P_{g,F}$	-0.0069

着色度 Color Code

λ_{80}/λ_5	370/290
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	730
T_s (℃)	770
$T_{10}^{14.5}$ (℃)	670
T_{10}^{13} (℃)	708
$T_{10}^{7.6}$(℃)	843
$\alpha_{-30/70℃}$(10^{-7}/K)	50
$\alpha_{100/300℃}$(10^{-7}/K)	66
λ[W/(m·K)]	0.866
c_p[J/(g·K)]	0.552

化学性质 Chemical Properties

	Grade
D_W	1
D_A	2
CR	1
RC(S)	2
RA(S)	2

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.902	0.813
2200	0.971	0.943
2000	0.989	0.979
1800	0.996	0.992
1600	0.998	0.996
1400	0.997	0.995
1200	0.999	0.998
1060	0.999	0.997
1000	0.999	0.997
950	0.999	0.998
900	0.999	0.997
850	0.999	0.998
800	0.999	0.998
700	0.999	0.998
650	0.999	0.998
600	0.998	0.997
550	0.998	0.997
500	0.998	0.997
480	0.998	0.997
460	0.997	0.995
440	0.997	0.995
420	0.995	0.991
400	0.991	0.982
390	0.985	0.971
380	0.977	0.955
370	0.962	0.925
360	0.935	0.874
350	0.894	0.799
340	0.832	0.692
330	0.743	0.552
320	0.629	0.396
310	0.503	0.253
300	0.374	0.140
290	0.265	0.070
280	0.195	0.038

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	6.0	6.6	6.8	7.0	7.4	7.8
-40～-20	6.0	6.7	6.8	7.0	7.6	7.9
-20～0	6.1	6.7	6.8	7.1	7.6	8.0
0～20	6.2	6.7	6.9	7.2	7.7	8.1
20～40	6.3	6.8	7.0	7.3	7.8	8.4
40～60	6.4	7.0	7.2	7.5	8.0	8.6
60～80	6.6	7.2	7.4	7.8	8.3	8.9
80～100	6.7	7.5	7.6	8.0	8.5	9.0
100～120	6.8	7.7	7.8	8.2	8.7	9.2
120～140	7.0	7.8	7.9	8.3	8.8	9.3

机械性质 Mechanical Properties

H_K (10^7Pa)	743
F_A	72
E (10^7Pa)	11720
G (10^7Pa)	4529
μ	0.294
B (10^{-12}/Pa)	1.81

其他性质 Other Properties

ρ (g/cm^3)	3.75

备注 Remarks

CDGM