H-LaK72	713518	n_d = 1.713000	υ_d = 51.81	$n_F - n_C$ = 0.013763
		n_e = 1.716278	υ_e = 51.53	$n_{F'} - n_{C'}$ = 0.013901

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.679240
$n_{1970.09}$	1970.09	1.684705
$n_{1529.58}$	1529.58	1.690676
$n_{1060.0}$	1060.0	1.697378
n_t	1013.98	1.698199
n_s	852.11	1.701733
n_r	706.52	1.706530
n_C	656.27	1.708859
$n_{C'}$	643.85	1.709515
n_{He-Ne}	632.8	1.710128
n_D	589.29	1.712878
n_d	587.56	1.713000
n_e	546.07	1.716278
n_F	486.13	1.722622
$n_{F'}$	479.99	1.723416
n_g	435.83	1.730233
n_h	404.66	1.736595
n_i	365.01	1.747516
$n_{313.18}$	313.18	1.769991
$n_{302.15}$	302.15	1.776714

色散公式常数 Constants of Dispersion Formula

K_1	7.46934431E-01
L_1	1.72608475E-03
K_2	1.12652731E+00
L_2	1.76390536E-02
K_3	1.11422643E+00
L_3	1.10121875E+02

折射率温度系数常数 Constants of dn/dt

D_0	-6.19E-06
D_1	1.16E-08
D_2	-2.90E-11
E_0	4.99E-07
E_1	8.23E-10
λ_{TK}(μm)	0.225

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2568	$P'_{s,t}$	0.2542
$P_{C,s}$	0.5178	$P'_{C',s}$	0.5598
$P_{d,C}$	0.3009	$P'_{d,C'}$	0.2507
$P_{e,d}$	0.2382	$P'_{e,d}$	0.2358
$P_{g,F}$	0.5530	$P'_{g,F'}$	0.4904
$P_{i,h}$	0.7935	$P'_{i,h}$	0.7856

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	-0.0158	$\Delta P_{C,s}$	-0.0064
$\Delta P_{F,e}$	-0.0004	$\Delta P_{g,F}$	-0.0045

着色度 Color Code

λ_{80}/λ_5	365/290
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	644
T_s (℃)	671
$T_{10}^{14.5}$ (℃)	588
T_{10}^{13} (℃)	623
$T_{10}^{7.6}$(℃)	726
$\alpha_{-30/70℃}$(10^{-7}/K)	84
$\alpha_{100/300℃}$(10^{-7}/K)	98
λ[W/(m·K)]	

化学性质 Chemical Properties

	Grade
D_W	1
D_A	3
CR	1
RC(S)	2
RA(S)	5

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.874	0.764
2200	0.950	0.903
2000	0.980	0.960
1800	0.991	0.981
1600	0.997	0.994
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	0.996
600	0.998	0.996
550	0.997	0.995
500	0.997	0.995
480	0.997	0.994
460	0.996	0.993
440	0.996	0.993
420	0.996	0.993
400	0.994	0.989
390	0.991	0.982
380	0.984	0.969
370	0.972	0.945
360	0.950	0.903
350	0.912	0.832
340	0.853	0.727
330	0.767	0.589
320	0.656	0.430
310	0.524	0.275
300	0.386	0.149
290	0.251	0.063
280	0.141	0.020

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	-1.7	-1.4	-1.2	-0.9	-0.7	-0.4
-40～-20	-1.7	-1.3	-1.1	-0.9	-0.6	-0.3
-20～0	-1.6	-1.3	-1.1	-0.8	-0.5	-0.2
0～20	-1.6	-1.3	-1.0	-0.8	-0.4	0.1
20～40	-1.5	-1.2	-0.8	-0.6	-0.3	0.4
40～60	-1.5	-1.1	-0.7	-0.5	-0.1	0.5
60～80	-1.5	-1.0	-0.7	-0.5	0.0	0.6
80～100	-1.4	-0.9	-0.5	-0.4	0.1	0.7
100～120	-1.3	-0.8	-0.4	-0.3	0.2	0.7
120～140	-1.2	-0.7	-0.4	-0.2	0.2	0.8

机械性质 Mechanical Properties

H_K (10^7Pa)	514
F_A	185
E (10^7Pa)	
G (10^7Pa)	
μ	
B (10^{-12}/Pa)	1.41

其他性质 Other Properties

ρ (g/cm^3)	4.34

备注 Remarks

CDGM