H-LaK1	660574	n_d = 1.659500	υ_d = 57.35	$n_F - n_C$ = 0.011500
		n_e = 1.662242	υ_e = 57.08	$n_{F'} - n_{C'}$ = 0.011603

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.627289
$n_{1970.09}$	1970.09	1.633174
$n_{1529.58}$	1529.58	1.639416
$n_{1060.0}$	1060.0	1.645950
n_t	1013.98	1.646706
n_s	852.11	1.649875
n_r	706.52	1.654029
n_C	656.27	1.656011
$n_{C'}$	643.85	1.656565
n_{He-Ne}	632.8	1.657084
n_D	589.29	1.659398
n_d	587.56	1.659500
n_e	546.07	1.662242
n_F	486.13	1.667511
$n_{F'}$	479.99	1.668168
n_g	435.83	1.673789
n_h	404.66	1.679009
n_i	365.01	1.687926
$n_{313.18}$	313.18	1.706140
$n_{302.15}$	302.15	1.711563

色散公式常数 Constants of Dispersion Formula

K_1	9.64886701E-01
L_1	9.11939330E+01
K_2	4.68480585E-01
L_2	2.05810529E-02
K_3	1.23722796E+00
L_3	6.08509423E-03

折射率温度系数常数 Constants of dn/dt

D_0	-4.74E-06
D_1	1.74E-08
D_2	-3.67E-11
E_0	4.92E-07
E_1	2.76E-10
λ_{TK}(μm)	0.181

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2756	$P'_{s,t}$	0.2731
$P_{C,s}$	0.5336	$P'_{C',s}$	0.5766
$P_{d,C}$	0.3034	$P'_{d,C'}$	0.2530
$P_{e,d}$	0.2384	$P'_{e,d}$	0.2363
$P_{g,F}$	0.5459	$P'_{g,F'}$	0.4844
$P_{i,h}$	0.7754	$P'_{i,h}$	0.7685

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	-0.0073	$\Delta P_{C,s}$	-0.0038
$\Delta P_{F,e}$	-0.0002	$\Delta P_{g,F}$	-0.0021

着色度 Color Code

λ_{80}/λ_5	360/310
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	655
T_s (℃)	683
$T_{10}^{14.5}$ (℃)	601
T_{10}^{13} (℃)	629
$T_{10}^{7.6}$(℃)	739
$\alpha_{-30/70℃}$(10^{-7}/K)	77
$\alpha_{100/300℃}$(10^{-7}/K)	87
λ[W/(m·K)]	0.594
c_p[J/(g·K)]	0.437

化学性质 Chemical Properties

	Grade
D_W	3
D_A	6
CR	4a
RC(S)	1
RA(S)	3

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.890	0.790
2200	0.966	0.933
2000	0.990	0.981
1800	0.997	0.994
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	0.998	0.996
800	0.996	0.992
700	0.995	0.991
650	0.995	0.990
600	0.995	0.990
550	0.995	0.990
500	0.994	0.989
480	0.993	0.987
460	0.992	0.985
440	0.991	0.983
420	0.990	0.981
400	0.987	0.974
390	0.983	0.966
380	0.976	0.952
370	0.963	0.927
360	0.939	0.880
350	0.901	0.810
340	0.840	0.700
330	0.740	0.550
320	0.620	0.380
310	0.470	0.220
300	0.320	0.100
290	0.200	0.040
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	-1.0	-0.6	-0.5	-0.4	-0.1	0.3
-40～-20	-1.0	-0.6	-0.4	-0.4	-0.1	0.3
-20～0	-1.0	-0.6	-0.4	-0.2	0.0	0.4
0～20	-0.9	-0.5	-0.2	0.0	0.2	0.5
20～40	-0.6	-0.2	0.0	0.2	0.4	0.9
40～60	-0.4	-0.1	0.1	0.4	0.6	1.0
60～80	-0.3	0.1	0.3	0.6	0.7	1.2
80～100	-0.3	0.2	0.3	0.6	0.8	1.3
100～120	-0.2	0.3	0.4	0.6	1.0	1.4
120～140	-0.1	0.4	0.5	0.7	1.1	1.6

机械性质 Mechanical Properties

H_K (10^7Pa)	560
F_A	176
E (10^7Pa)	8873
G (10^7Pa)	3463
μ	0.281
B (10^{-12}/Pa)	1.45

其他性质 Other Properties

ρ (g/cm^3)	3.94

备注 Remarks

CDGM