H-LaK5A	678555	n_d = 1.677900	υ_d = 55.52	$n_F - n_C$ = 0.012211
		n_e = 1.680811	υ_e = 55.26	$n_{F'} - n_{C'}$ = 0.012320

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.643812
$n_{1970.09}$	1970.09	1.650028
$n_{1529.58}$	1529.58	1.656620
$n_{1060.0}$	1060.0	1.663527
n_t	1013.98	1.664328
n_s	852.11	1.667686
n_r	706.52	1.672093
n_C	656.27	1.674196
$n_{C'}$	643.85	1.674785
n_{He-Ne}	632.8	1.675335
n_D	589.29	1.677791
n_d	587.56	1.677900
n_e	546.07	1.680811
n_F	486.13	1.686407
$n_{F'}$	479.99	1.687105
n_g	435.83	1.693077
n_h	404.66	1.698626
n_i	365.01	1.708115
$n_{313.18}$	313.18	1.727567
$n_{302.15}$	302.15	1.733383

色散公式常数 Constants of Dispersion Formula

K_1	1.54437415E+00
L_1	8.15901025E-03
K_2	1.00066972E+00
L_2	8.89110754E+01
K_3	2.19123775E-01
L_3	2.67011064E-02

折射率温度系数常数 Constants of dn/dt

D_0	-4.10E-06
D_1	1.07E-08
D_2	-1.69E-11
E_0	5.87E-07
E_1	1.27E-09
λ_{TK}(μm)	0.095

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2750	$P'_{s,t}$	0.2726
$P_{C,s}$	0.5331	$P'_{C',s}$	0.5762
$P_{d,C}$	0.3033	$P'_{d,C'}$	0.2528
$P_{e,d}$	0.2384	$P'_{e,d}$	0.2363
$P_{g,F}$	0.5462	$P'_{g,F'}$	0.4847
$P_{i,h}$	0.7771	$P'_{i,h}$	0.7702

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0003	$\Delta P_{C,s}$	0.0001
$\Delta P_{F,e}$	-0.0011	$\Delta P_{g,F}$	-0.0049

着色度 Color Code

λ_{80}/λ_5	360/295
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	646
T_s (℃)	669
$T_{10}^{14.5}$ (℃)	616
T_{10}^{13} (℃)	632
$T_{10}^{7.6}$(℃)	722
$\alpha_{-30/70℃}$(10^{-7}/K)	80
$\alpha_{100/300℃}$(10^{-7}/K)	94
λ[W/(m·K)]	

化学性质 Chemical Properties

	Grade
D_W	3
D_A	6
CR	2
RC(S)	1
RA(S)	3

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.855	0.731
2200	0.956	0.914
2000	0.984	0.969
1800	0.993	0.987
1600	0.997	0.995
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	0.998	0.996
700	0.998	0.996
650	0.998	0.996
600	0.997	0.995
550	0.997	0.994
500	0.996	0.993
480	0.995	0.991
460	0.993	0.987
440	0.991	0.983
420	0.990	0.981
400	0.988	0.976
390	0.984	0.969
380	0.977	0.955
370	0.963	0.928
360	0.939	0.882
350	0.898	0.807
340	0.835	0.697
330	0.741	0.549
320	0.618	0.382
310	0.469	0.220
300	0.302	0.091
290	0.158	0.025
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	-0.4	0.0	0.2	0.0	0.7	0.8
-40～-20	-0.1	0.1	0.2	0.3	0.4	0.8
-20～0	-0.5	0.0	0.0	0.2	0.6	0.9
0～20	-0.1	0.0	0.1	0.5	0.7	1.2
20～40	-0.2	0.3	0.5	0.7	1.1	1.6
40～60	-0.6	0.1	0.2	0.4	0.8	1.2
60～80	-0.3	0.4	0.6	0.8	1.1	1.6
80～100	-0.1	0.7	0.8	0.9	1.3	1.8
100～120	0.1	0.7	0.9	1.0	1.5	1.9
120～140	0.3	0.7	0.9	1.2	1.6	1.9

机械性质 Mechanical Properties

H_K (10^7Pa)	576
F_A	174
E (10^7Pa)	9561
G (10^7Pa)	3705
μ	0.290
B (10^{-12}/Pa)	1.57

其他性质 Other Properties

ρ (g/cm^3)	3.80

备注 Remarks

CDGM