H-LaK10	651559	n_d = 1.651130	υ_d = 55.89	$n_F - n_C$ = 0.011650
		n_e = 1.653907	υ_e = 55.62	$n_{F'} - n_{C'}$ = 0.011757

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.619398
$n_{1970.09}$	1970.09	1.625037
$n_{1529.58}$	1529.58	1.631081
$n_{1060.0}$	1060.0	1.637506
n_t	1013.98	1.638259
n_s	852.11	1.641425
n_r	706.52	1.645602
n_C	656.27	1.647602
$n_{C'}$	643.85	1.648162
n_{He-Ne}	632.8	1.648686
n_D	589.29	1.651026
n_d	587.56	1.651130
n_e	546.07	1.653907
n_F	486.13	1.659252
$n_{F'}$	479.99	1.659919
n_g	435.83	1.665630
n_h	404.66	1.670941
n_i	365.01	1.680019
$n_{313.18}$	313.18	1.698570
$n_{302.15}$	302.15	1.704089

色散公式常数 Constants of Dispersion Formula

K_1	7.83174579E-01
L_1	2.73169490E-03
K_2	8.94315049E-01
L_2	1.69034325E-02
K_3	1.13896900E+00
L_3	1.11158589E+02

折射率温度系数常数 Constants of dn/dt

D_0	-9.18E-07
D_1	1.25E-08
D_2	-2.28E-11
E_0	4.91E-07
E_1	6.43E-10
λ_{TK}(μm)	0.189

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2718	$P'_{s,t}$	0.2693
$P_{C,s}$	0.5302	$P'_{C',s}$	0.5730
$P_{d,C}$	0.3028	$P'_{d,C'}$	0.2524
$P_{e,d}$	0.2384	$P'_{e,d}$	0.2362
$P_{g,F}$	0.5475	$P'_{g,F'}$	0.4858
$P_{i,h}$	0.7792	$P'_{i,h}$	0.7721

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	-0.0076	$\Delta P_{C,s}$	-0.0037
$\Delta P_{F,e}$	-0.0004	$\Delta P_{g,F}$	-0.0030

着色度 Color Code

λ_{80}/λ_5	350/285
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	618
T_s (℃)	668
$T_{10}^{14.5}$ (℃)	575
T_{10}^{13} (℃)	607
$T_{10}^{7.6}$(℃)	721
$\alpha_{-30/70℃}$(10^{-7}/K)	71
$\alpha_{100/300℃}$(10^{-7}/K)	84
λ[W/(m·K)]	

化学性质 Chemical Properties

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

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.888	0.789
2200	0.950	0.903
2000	0.983	0.967
1800	0.992	0.984
1600	0.997	0.994
1400	0.997	0.994
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	0.999	0.998
650	0.999	0.998
600	0.998	0.997
550	0.997	0.995
500	0.997	0.994
480	0.997	0.994
460	0.997	0.994
440	0.997	0.994
420	0.997	0.994
400	0.996	0.993
390	0.995	0.990
380	0.992	0.985
370	0.986	0.972
360	0.976	0.952
350	0.954	0.911
340	0.920	0.847
330	0.863	0.744
320	0.775	0.600
310	0.650	0.422
300	0.493	0.243
290	0.327	0.107
280	0.210	0.044

机械性质 Mechanical Properties

H_K (10^7Pa)	634
F_A	162
E (10^7Pa)	9309
G (10^7Pa)	3659
μ	0.272
B (10^{-12}/Pa)	1.74

其他性质 Other Properties

ρ (g/cm^3)	3.73

备注 Remarks

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	1.4	1.7	1.9	2.0	2.3	2.6
-40～-20	1.2	1.6	1.7	1.9	2.4	2.6
-20～0	1.2	1.6	1.7	1.9	2.1	2.6
0～20	1.3	1.6	1.8	1.9	2.2	2.7
20～40	1.3	1.7	1.9	2.0	2.4	2.8
40～60	1.4	1.8	2.0	2.2	2.6	3.0
60～80	1.5	2.0	2.2	2.4	2.9	3.2
80～100	1.6	2.1	2.3	2.6	3.0	3.3
100～120	1.6	2.1	2.3	2.6	3.0	3.4
120～140	1.5	2.1	2.4	2.5	2.9	3.3

CDGM