H-ZLaF68N	883392	n_d = 1.883000	υ_d = 39.22	$n_F - n_C$ = 0.022515
		n_e = 1.888345	υ_e = 38.97	$n_{F'} - n_{C'}$ = 0.022798

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.834724
$n_{1970.09}$	1970.09	1.841618
$n_{1529.58}$	1529.58	1.849347
$n_{1060.0}$	1060.0	1.858653
n_t	1013.98	1.859857
n_s	852.11	1.865171
n_r	706.52	1.872640
n_C	656.27	1.876337
$n_{C'}$	643.85	1.877385
n_{He-Ne}	632.8	1.878368
n_D	589.29	1.882802
n_d	587.56	1.883000
n_e	546.07	1.888345
n_F	486.13	1.898852
$n_{F'}$	479.99	1.900183
n_g	435.83	1.911750
n_h	404.66	1.922796
n_i	365.01	1.942396
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	1.49455025E+00
L_1	1.09762523E+02
K_2	2.07574257E+00
L_2	1.04040770E-02
K_3	3.61138143E-01
L_3	4.12621420E-02

折射率温度系数常数 Constants of dn/dt

D_0	-9.92E-09
D_1	1.31E-08
D_2	-2.62E-11
E_0	7.34E-07
E_1	7.89E-10
λ_{TK}(μm)	0.237

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2360	$P'_{s,t}$	0.2331
$P_{C,s}$	0.4959	$P'_{C',s}$	0.5357
$P_{d,C}$	0.2959	$P'_{d,C'}$	0.2463
$P_{e,d}$	0.2374	$P'_{e,d}$	0.2345
$P_{g,F}$	0.5729	$P'_{g,F'}$	0.5074
$P_{i,h}$	0.8705	$P'_{i,h}$	0.8597

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0009	$\Delta P_{C,s}$	0.0015
$\Delta P_{F,e}$	-0.0015	$\Delta P_{g,F}$	-0.0060

着色度 Color Code

λ_{80}/λ_5	
λ_{70}/λ_5	380/340

热性质 Thermal Properties

T_g (℃)	719
T_s (℃)	752
$T_{10}^{14.5}$ (℃)	671
T_{10}^{13} (℃)	702
$T_{10}^{7.6}$(℃)	803
$\alpha_{-30/70℃}$(10^{-7}/K)	58
$\alpha_{100/300℃}$(10^{-7}/K)	86
λ[W/(m·K)]	

化学性质 Chemical Properties

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

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.906	0.821
2200	0.975	0.951
2000	0.989	0.979
1800	0.997	0.995
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	0.999	0.998
800	0.998	0.996
700	0.997	0.995
650	0.997	0.995
600	0.997	0.994
550	0.997	0.994
500	0.995	0.991
480	0.992	0.985
460	0.989	0.979
440	0.984	0.968
420	0.976	0.953
400	0.957	0.916
390	0.938	0.880
380	0.905	0.819
370	0.843	0.711
360	0.729	0.531
350	0.513	0.263
340	0.205	0.042
330		
320		
310		
300		
290		
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	1.9	2.6	3.0	3.3	4.1	5.0
-40～-20	2.0	2.8	3.2	3.4	4.2	5.1
-20～0	2.1	2.9	3.2	3.5	4.3	5.2
0～20	2.2	3.0	3.3	3.6	4.4	5.5
20～40	2.3	3.1	3.4	4.0	4.8	5.9
40～60	2.4	3.5	3.8	4.2	5.0	6.0
60～80	2.5	3.5	4.0	4.4	5.5	6.2
80～100	2.7	3.6	4.1	4.6	5.6	6.4
100～120	2.8	3.8	4.2	4.7	5.6	6.7
120～140	2.8	4.0	4.3	4.6	5.7	7.0

机械性质 Mechanical Properties

H_K (10^7Pa)	687
F_A	96
E (10^7Pa)	12583
G (10^7Pa)	4831
μ	0.303
B (10^{-12}/Pa)	1.03

其他性质 Other Properties

ρ (g/cm^3)	5.17

备注 Remarks

CDGM