H-ZLaF68C	883409	n_d = 1.883000	υ_d = 40.85	$n_F - n_C$ = 0.021617
		n_e = 1.888138	υ_e = 40.60	$n_{F'} - n_{C'}$ = 0.021878

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.837157
$n_{1970.09}$	1970.09	1.843528
$n_{1529.58}$	1529.58	1.850740
$n_{1060.0}$	1060.0	1.859565
n_t	1013.98	1.860718
n_s	852.11	1.865823
n_r	706.52	1.873021
n_C	656.27	1.876584
$n_{C'}$	643.85	1.877594
n_{He-Ne}	632.8	1.878541
n_D	589.29	1.882810
n_d	587.56	1.883000
n_e	546.07	1.888138
n_F	486.13	1.898201
$n_{F'}$	479.99	1.899472
n_g	435.83	1.910473
n_h	404.66	1.920894
n_i	365.01	1.939141
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	1.58833884E+00
L_1	6.89365045E-03
K_2	8.51761035E-01
L_2	2.88290435E-02
K_3	1.58277416E+00
L_3	1.25035659E+02

折射率温度系数常数 Constants of dn/dt

D_0	6.22E-07
D_1	1.34E-08
D_2	-3.94E-11
E_0	8.98E-07
E_1	8.81E-10
λ_{TK}(μm)	0.175

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2362	$P'_{s,t}$	0.2333
$P_{C,s}$	0.4978	$P'_{C',s}$	0.5380
$P_{d,C}$	0.2968	$P'_{d,C'}$	0.2471
$P_{e,d}$	0.2377	$P'_{e,d}$	0.2348
$P_{g,F}$	0.5677	$P'_{g,F'}$	0.5028
$P_{i,h}$	0.8441	$P'_{i,h}$	0.8340

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	-0.0048	$\Delta P_{C,s}$	-0.0005
$\Delta P_{F,e}$	-0.0018	$\Delta P_{g,F}$	-0.0084

着色度 Color Code

λ_{80}/λ_5	
λ_{70}/λ_5	390/330

热性质 Thermal Properties

T_g (℃)	721
T_s (℃)	757
$T_{10}^{14.5}$ (℃)	667
T_{10}^{13} (℃)	702
$T_{10}^{7.6}$(℃)	819
$\alpha_{-30/70℃}$(10^{-7}/K)	70
$\alpha_{100/300℃}$(10^{-7}/K)	87
λ[W/(m·K)]	

化学性质 Chemical Properties

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

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.931	0.867
2200	0.980	0.960
2000	0.992	0.984
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	0.997
800	0.998	0.996
700	0.998	0.996
650	0.997	0.995
600	0.997	0.995
550	0.997	0.995
500	0.993	0.986
480	0.989	0.979
460	0.984	0.969
440	0.976	0.953
420	0.968	0.937
400	0.950	0.902
390	0.931	0.866
380	0.901	0.811
370	0.851	0.725
360	0.777	0.603
350	0.669	0.448
340	0.522	0.273
330	0.341	0.116
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	2.4	3.3	3.5	3.9	4.7	5.4
-40～-20	2.4	3.3	3.6	4.0	4.7	5.5
-20～0	2.5	3.4	3.8	4.1	4.8	5.6
0～20	2.6	3.5	3.9	4.5	4.9	6.0
20～40	2.6	3.9	4.2	4.6	5.6	6.3
40～60	2.9	4.1	4.4	4.9	5.6	6.6
60～80	3.1	4.1	4.5	4.7	5.8	6.8
80～100	3.1	4.2	4.6	5.0	6.0	6.9
100～120	3.2	4.2	4.7	5.1	6.1	7.0
120～140	3.2	4.3	4.7	5.1	6.1	7.1

机械性质 Mechanical Properties

H_K (10^7Pa)	678
F_A	99
E (10^7Pa)	12461
G (10^7Pa)	4768
μ	0.307
B (10^{-12}/Pa)	1.08

其他性质 Other Properties

ρ (g/cm^3)	5.34

备注 Remarks

CDGM