H-ZBaF1	622532	n_d = 1.622300	υ_d = 53.17	$n_F - n_C$ = 0.011704
		n_e = 1.625087	υ_e = 52.88	$n_{F'} - n_{C'}$ = 0.011821

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.591970
$n_{1970.09}$	1970.09	1.597156
$n_{1529.58}$	1529.58	1.602760
$n_{1060.0}$	1060.0	1.608850
n_t	1013.98	1.609577
n_s	852.11	1.612663
n_r	706.52	1.616787
n_C	656.27	1.618775
$n_{C'}$	643.85	1.619334
n_{He-Ne}	632.8	1.619857
n_D	589.29	1.622196
n_d	587.56	1.622300
n_e	546.07	1.625087
n_F	486.13	1.630479
$n_{F'}$	479.99	1.631155
n_g	435.83	1.636966
n_h	404.66	1.642415
n_i	365.01	1.651850
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	1.05607188E+00
L_1	1.14460233E+02
K_2	1.45456542E+00
L_2	8.40268049E-03
K_3	1.29035718E-01
L_3	3.63054290E-02

折射率温度系数常数 Constants of dn/dt

D_0	3.71E-06
D_1	2.12E-08
D_2	-1.14E-10
E_0	4.62E-07
E_1	6.87E-11
λ_{TK}(μm)	0.246

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2637	$P'_{s,t}$	0.2611
$P_{C,s}$	0.5222	$P'_{C',s}$	0.5643
$P_{d,C}$	0.3012	$P'_{d,C'}$	0.2509
$P_{e,d}$	0.2381	$P'_{e,d}$	0.2358
$P_{g,F}$	0.5543	$P'_{g,F'}$	0.4916
$P_{i,h}$	0.8061	$P'_{i,h}$	0.7982

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	-0.0109	$\Delta P_{C,s}$	-0.0052
$\Delta P_{F,e}$	0.0001	$\Delta P_{g,F}$	-0.0009

着色度 Color Code

λ_{80}/λ_5	370/335
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	672
T_s (℃)	719
$T_{10}^{14.5}$ (℃)	606
T_{10}^{13} (℃)	648
$T_{10}^{7.6}$(℃)	802
$\alpha_{-30/70℃}$(10^{-7}/K)	60
$\alpha_{100/300℃}$(10^{-7}/K)	72
λ[W/(m·K)]	

化学性质 Chemical Properties

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

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.928	0.860
2200	0.955	0.913
2000	0.986	0.972
1800	0.992	0.984
1600	0.997	0.993
1400	0.994	0.989
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	0.995
500	0.997	0.994
480	0.996	0.993
460	0.995	0.991
440	0.995	0.990
420	0.994	0.988
400	0.990	0.981
390	0.986	0.973
380	0.976	0.952
370	0.954	0.910
360	0.900	0.810
350	0.771	0.595
340	0.491	0.241
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						
-40～-20	2.9	3.2	3.5	3.6	3.8	4.5
-20～0	3.1	3.6	3.9	4.1	4.3	4.9
0～20	3.4	3.8	4.0	4.2	4.4	5.2
20～40	3.7	4.2	4.3	4.5	4.9	5.5
40～60	3.8	4.2	4.3	4.5	5.2	5.4
60～80	3.9	4.2	4.3	4.4	5.2	5.4
80～100						
100～120						
120～140						

机械性质 Mechanical Properties

H_K (10^7Pa)	562
F_A	129
E (10^7Pa)	8044
G (10^7Pa)	3177
μ	0.266
B (10^{-12}/Pa)	

其他性质 Other Properties

ρ (g/cm^3)	3.57

备注 Remarks

CDGM