H-ZBaF5	671473	n_d = 1.671030	υ_d = 47.29	$n_F - n_C$ = 0.014190
		n_e = 1.674404	υ_e = 47.00	$n_{F'} - n_{C'}$ = 0.014350

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.638014
$n_{1970.09}$	1970.09	1.643084
$n_{1529.58}$	1529.58	1.648727
$n_{1060.0}$	1060.0	1.655242
n_t	1013.98	1.656055
n_s	852.11	1.659581
n_r	706.52	1.664425
n_C	656.27	1.666794
$n_{C'}$	643.85	1.667463
n_{He-Ne}	632.8	1.668089
n_D	589.29	1.670905
n_d	587.56	1.671030
n_e	546.07	1.674404
n_F	486.13	1.680984
$n_{F'}$	479.99	1.681813
n_g	435.83	1.688975
n_h	404.66	1.695743
n_i	365.01	1.707578
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	2.65135611E-01
L_1	3.42928637E-02
K_2	1.46645391E+00
L_2	7.99326644E-03
K_3	1.68212208E+00
L_3	1.79124162E+02

折射率温度系数常数 Constants of dn/dt

D_0	3.26E-06
D_1	1.49E-08
D_2	-2.95E-11
E_0	6.99E-07
E_1	6.95E-10
λ_{TK}(μm)	0.209

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2485	$P'_{s,t}$	0.2457
$P_{C,s}$	0.5083	$P'_{C',s}$	0.5493
$P_{d,C}$	0.2985	$P'_{d,C'}$	0.2486
$P_{e,d}$	0.2378	$P'_{e,d}$	0.2351
$P_{g,F}$	0.5631	$P'_{g,F'}$	0.4991
$P_{i,h}$	0.8340	$P'_{i,h}$	0.8247

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	-0.0123	$\Delta P_{C,s}$	-0.0052
$\Delta P_{F,e}$	-0.0001	$\Delta P_{g,F}$	-0.0020

着色度 Color Code

λ_{80}/λ_5	375/340
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	583
T_s (℃)	652
$T_{10}^{14.5}$ (℃)	540
T_{10}^{13} (℃)	580
$T_{10}^{7.6}$(℃)	728
$\alpha_{-30/70℃}$(10^{-7}/K)	68
$\alpha_{100/300℃}$(10^{-7}/K)	85
λ[W/(m·K)]	

化学性质 Chemical Properties

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

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.943	0.889
2200	0.971	0.942
2000	0.986	0.972
1800	0.992	0.984
1600	0.998	0.997
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	0.998	0.997
850	0.998	0.996
800	0.995	0.991
700	0.995	0.990
650	0.995	0.990
600	0.994	0.989
550	0.994	0.989
500	0.992	0.985
480	0.991	0.983
460	0.990	0.980
440	0.988	0.976
420	0.985	0.971
400	0.976	0.953
390	0.964	0.930
380	0.941	0.886
370	0.890	0.800
360	0.790	0.630
350	0.580	0.340
340	0.230	0.060
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	3.3	4.0	4.2	4.4	4.9	5.5
-40～-20	3.3	4.0	4.2	4.5	5.0	5.6
-20～0	3.5	4.1	4.3	4.5	5.1	5.7
0～20	3.6	4.2	4.5	4.7	5.3	5.8
20～40	3.7	4.4	4.6	4.9	5.5	6.2
40～60	3.8	4.4	4.8	5.2	5.7	6.4
60～80	3.9	4.7	4.9	5.3	5.8	6.5
80～100	3.9	4.7	5.0	5.3	5.9	6.6
100～120	4.1	4.9	5.1	5.4	6.1	6.8
120～140	4.3	5.0	5.4	5.7	6.4	7.2

机械性质 Mechanical Properties

H_K (10^7Pa)	626
F_A	150
E (10^7Pa)	9696
G (10^7Pa)	3807
μ	0.273
B (10^{-12}/Pa)	2.07

其他性质 Other Properties

ρ (g/cm^3)	3.58

备注 Remarks

CDGM