H-ZBaF16	667484	n_d = 1.666720	υ_d = 48.42	$n_F - n_C$ = 0.013769
		n_e = 1.669995	υ_e = 48.13	$n_{F'} - n_{C'}$ = 0.013921

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.634308
$n_{1970.09}$	1970.09	1.639354
$n_{1529.58}$	1529.58	1.644932
$n_{1060.0}$	1060.0	1.651329
n_t	1013.98	1.652124
n_s	852.11	1.655571
n_r	706.52	1.660295
n_C	656.27	1.662602
$n_{C'}$	643.85	1.663252
n_{He-Ne}	632.8	1.663862
n_D	589.29	1.666598
n_d	587.56	1.666720
n_e	546.07	1.669995
n_F	486.13	1.676371
$n_{F'}$	479.99	1.677173
n_g	435.83	1.684091
n_h	404.66	1.690614
n_i	365.01	1.701988
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	1.82247640E-01
L_1	3.68484589E-02
K_2	1.53664805E+00
L_2	8.85647420E-03
K_3	1.23072170E+00
L_3	1.34124694E+02

折射率温度系数常数 Constants of dn/dt

D_0	2.86E-06
D_1	1.56E-08
D_2	-3.67E-11
E_0	7.03E-07
E_1	3.95E-10
λ_{TK}(μm)	0.198

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2503	$P'_{s,t}$	0.2476
$P_{C,s}$	0.5106	$P'_{C',s}$	0.5518
$P_{d,C}$	0.2991	$P'_{d,C'}$	0.2491
$P_{e,d}$	0.2379	$P'_{e,d}$	0.2353
$P_{g,F}$	0.5607	$P'_{g,F'}$	0.4969
$P_{i,h}$	0.8261	$P'_{i,h}$	0.8170

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	-0.0134	$\Delta P_{C,s}$	-0.0056
$\Delta P_{F,e}$	-0.0001	$\Delta P_{g,F}$	-0.0026

着色度 Color Code

λ_{80}/λ_5	370/330
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	589
T_s (℃)	644
$T_{10}^{14.5}$ (℃)	536
T_{10}^{13} (℃)	576
$T_{10}^{7.6}$(℃)	724
$\alpha_{-30/70℃}$(10^{-7}/K)	71
$\alpha_{100/300℃}$(10^{-7}/K)	88
λ[W/(m·K)]	

化学性质 Chemical Properties

	Grade
D_W	1
D_A	3
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	0.890
2200	0.971	0.943
2000	0.986	0.973
1800	0.992	0.985
1600	0.998	0.996
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	0.999	0.998
700	0.998	0.996
650	0.997	0.995
600	0.997	0.995
550	0.997	0.995
500	0.996	0.992
480	0.994	0.989
460	0.992	0.985
440	0.991	0.982
420	0.989	0.978
400	0.980	0.960
390	0.969	0.938
380	0.948	0.898
370	0.904	0.817
360	0.810	0.650
350	0.620	0.390
340	0.320	0.100
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	3.2	3.8	3.9	4.3	4.8	5.3
-40～-20	3.2	3.8	4.0	4.3	4.8	5.3
-20～0	3.2	3.8	4.1	4.3	4.8	5.4
0～20	3.2	3.9	4.1	4.4	4.9	5.5
20～40	3.4	4.2	4.3	4.6	5.2	5.8
40～60	3.5	4.3	4.5	4.8	5.3	5.9
60～80	3.7	4.4	4.7	5.0	5.6	6.1
80～100	3.9	4.4	4.7	5.0	5.6	6.2
100～120	3.9	4.4	4.7	5.0	5.6	6.3
120～140	3.9	4.4	4.8	5.0	5.6	6.3

机械性质 Mechanical Properties

H_K (10^7Pa)	577
F_A	163
E (10^7Pa)	7648
G (10^7Pa)	3000
μ	0.275
B (10^{-12}/Pa)	2.03

其他性质 Other Properties

ρ (g/cm^3)	3.59

备注 Remarks

CDGM