H-ZBaF52	670472	n_d = 1.670030	υ_d = 47.20	$n_F - n_C$ = 0.014197
		n_e = 1.673406	υ_e = 46.90	$n_{F'} - n_{C'}$ = 0.014357

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.636851
$n_{1970.09}$	1970.09	1.641991
$n_{1529.58}$	1529.58	1.647684
$n_{1060.0}$	1060.0	1.654226
n_t	1013.98	1.655041
n_s	852.11	1.658573
n_r	706.52	1.663422
n_C	656.27	1.665792
$n_{C'}$	643.85	1.666461
n_{He-Ne}	632.8	1.667088
n_D	589.29	1.669905
n_d	587.56	1.670030
n_e	546.07	1.673406
n_F	486.13	1.679989
$n_{F'}$	479.99	1.680818
n_g	435.83	1.687986
n_h	404.66	1.694764
n_i	365.01	1.706632
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	1.51688354E+00
L_1	8.57006565E-03
K_2	2.11371553E-01
L_2	3.70160061E-02
K_3	1.35763017E+00
L_3	1.44349229E+02

折射率温度系数常数 Constants of dn/dt

D_0	3.40E-06
D_1	1.49E-08
D_2	-3.46E-11
E_0	6.98E-07
E_1	6.04E-10
λ_{TK}(μm)	0.212

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2488	$P'_{s,t}$	0.2460
$P_{C,s}$	0.5085	$P'_{C',s}$	0.5494
$P_{d,C}$	0.2985	$P'_{d,C'}$	0.2486
$P_{e,d}$	0.2378	$P'_{e,d}$	0.2351
$P_{g,F}$	0.5633	$P'_{g,F'}$	0.4993
$P_{i,h}$	0.8360	$P'_{i,h}$	0.8266

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	-0.0114	$\Delta P_{C,s}$	-0.0048
$\Delta P_{F,e}$	-0.0002	$\Delta P_{g,F}$	-0.0020

着色度 Color Code

λ_{80}/λ_5	380/340
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	583
T_s (℃)	652
$T_{10}^{14.5}$ (℃)	539
T_{10}^{13} (℃)	580
$T_{10}^{7.6}$(℃)	728
$\alpha_{-30/70℃}$(10^{-7}/K)	70
$\alpha_{100/300℃}$(10^{-7}/K)	88
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	0.941	0.886
2200	0.971	0.942
2000	0.986	0.972
1800	0.991	0.982
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	0.998	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	3.4	4.0	4.3	4.5	5.1	5.6
-40～-20	3.4	4.1	4.3	4.6	5.1	5.7
-20～0	3.5	4.2	4.4	4.7	5.1	5.8
0～20	3.5	4.3	4.6	4.8	5.2	5.9
20～40	3.7	4.5	4.7	5.0	5.6	6.2
40～60	3.9	4.5	4.9	5.2	5.8	6.4
60～80	4.0	4.7	5.0	5.2	5.8	6.6
80～100	4.1	4.8	5.0	5.2	5.9	6.7
100～120	4.1	4.8	5.1	5.4	6.1	6.9
120～140	4.2	4.9	5.2	5.6	6.3	7.1

机械性质 Mechanical Properties

H_K (10^7Pa)	626
F_A	159
E (10^7Pa)	9448
G (10^7Pa)	3704
μ	0.275
B (10^{-12}/Pa)	2.09

其他性质 Other Properties

ρ (g/cm^3)	3.57

备注 Remarks

CDGM