H-ZF2	673322	n_d = 1.672700	υ_d = 32.17	$n_F - n_C$ = 0.020910
		n_e = 1.677640	υ_e = 31.92	$n_{F'} - n_{C'}$ = 0.021230

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.630241
$n_{1970.09}$	1970.09	1.636125
$n_{1529.58}$	1529.58	1.642757
$n_{1060.0}$	1060.0	1.650842
n_t	1013.98	1.651899
n_s	852.11	1.656595
n_r	706.52	1.663276
n_C	656.27	1.666617
$n_{C'}$	643.85	1.667568
n_{He-Ne}	632.8	1.668463
n_D	589.29	1.672518
n_d	587.56	1.672700
n_e	546.07	1.677640
n_F	486.13	1.687527
$n_{F'}$	479.99	1.688798
n_g	435.83	1.700036
n_h	404.66	1.711143
n_i	365.01	1.732003
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	1.67643380E-01
L_1	6.05177711E-02
K_2	1.54335076E+00
L_2	1.18524273E-02
K_3	1.17313123E+00
L_3	1.13671100E+02

折射率温度系数常数 Constants of dn/dt

D_0	-3.63E-06
D_1	1.35E-08
D_2	-5.31E-11
E_0	8.33E-07
E_1	8.40E-10
λ_{TK}(μm)	0.278

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2246	$P'_{s,t}$	0.2212
$P_{C,s}$	0.4793	$P'_{C',s}$	0.5169
$P_{d,C}$	0.2909	$P'_{d,C'}$	0.2417
$P_{e,d}$	0.2363	$P'_{e,d}$	0.2327
$P_{g,F}$	0.5982	$P'_{g,F'}$	0.5293
$P_{i,h}$	0.9976	$P'_{i,h}$	0.9826

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0061	$\Delta P_{C,s}$	0.0015
$\Delta P_{F,e}$	0.0008	$\Delta P_{g,F}$	0.0073

着色度 Color Code

λ_{80}/λ_5	395/360
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	589
T_s (℃)	629
$T_{10}^{14.5}$ (℃)	526
T_{10}^{13} (℃)	563
$T_{10}^{7.6}$(℃)	691
$\alpha_{-30/70℃}$(10^{-7}/K)	85
$\alpha_{100/300℃}$(10^{-7}/K)	106
λ[W/(m·K)]	

化学性质 Chemical Properties

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

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.922	0.851
2200	0.942	0.888
2000	0.974	0.948
1800	0.985	0.970
1600	0.995	0.990
1400	0.996	0.993
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	0.997	0.994
700	0.996	0.993
650	0.996	0.993
600	0.996	0.993
550	0.996	0.993
500	0.994	0.989
480	0.993	0.987
460	0.991	0.983
440	0.988	0.977
420	0.985	0.970
400	0.967	0.933
390	0.935	0.874
380	0.850	0.723
370	0.623	0.388
360	0.202	0.041
350		
340		
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	-0.3	0.5	0.8	1.1	1.8	3.0
-40～-20	-0.3	0.5	0.9	1.2	2.2	3.0
-20～0	-0.2	0.7	1.0	1.4	2.3	3.2
0～20	0.1	0.9	1.3	1.6	2.5	3.6
20～40	0.2	1.1	1.4	1.8	2.6	3.9
40～60	0.2	1.1	1.5	1.9	2.8	4.0
60～80	0.2	1.1	1.5	1.9	2.9	4.2
80～100	0.1	1.1	1.5	1.9	3.0	4.3
100～120	0.0	1.1	1.5	1.9	3.1	4.5
120～140	0.0	1.1	1.6	2.0	3.2	4.7

机械性质 Mechanical Properties

H_K (10^7Pa)	552
F_A	143
E (10^7Pa)	8321
G (10^7Pa)	3352
μ	0.241
B (10^{-12}/Pa)	2.63

其他性质 Other Properties

ρ (g/cm^3)	2.90

备注 Remarks

CDGM