H-ZF73	959175	n_d = 1.959060	υ_d = 17.47	$n_F - n_C$ = 0.054890
		n_e = 1.971885	υ_e = 17.33	$n_{F'} - n_{C'}$ = 0.056081

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.869915
$n_{1970.09}$	1970.09	1.879512
$n_{1529.58}$	1529.58	1.891029
$n_{1060.0}$	1060.0	1.907018
n_t	1013.98	1.909291
n_s	852.11	1.919795
n_r	706.52	1.935576
n_C	656.27	1.943753
$n_{C'}$	643.85	1.946111
n_{He-Ne}	632.8	1.948341
n_D	589.29	1.958595
n_d	587.56	1.959060
n_e	546.07	1.971885
n_F	486.13	1.998643
$n_{F'}$	479.99	2.002192
n_g	435.83	2.034793
n_h	404.66	2.069389
n_i	365.01	
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	5.28336971E-01
L_1	7.59305743E-02
K_2	2.05959954E+00
L_2	1.71346469E-02
K_3	3.58638080E+00
L_3	1.89364809E+02

折射率温度系数常数 Constants of dn/dt

D_0	-2.47E-06
D_1	1.75E-08
D_2	-4.65E-11
E_0	1.29E-06
E_1	1.86E-09
λ_{TK}(μm)	0.328

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.1914	$P'_{s,t}$	0.1873
$P_{C,s}$	0.4365	$P'_{C',s}$	0.4692
$P_{d,C}$	0.2789	$P'_{d,C'}$	0.2309
$P_{e,d}$	0.2336	$P'_{e,d}$	0.2287
$P_{g,F}$	0.6586	$P'_{g,F'}$	0.5813
$P_{i,h}$		$P'_{i,h}$	

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	-0.0007	$\Delta P_{C,s}$	-0.0065
$\Delta P_{F,e}$	0.0075	$\Delta P_{g,F}$	0.0426

着色度 Color Code

λ_{80}/λ_5	
λ_{70}/λ_5	440/395

热性质 Thermal Properties

T_g (℃)	677
T_s (℃)	706
$T_{10}^{14.5}$ (℃)	623
T_{10}^{13} (℃)	655
$T_{10}^{7.6}$(℃)	768
$\alpha_{-30/70℃}$(10^{-7}/K)	58
$\alpha_{100/300℃}$(10^{-7}/K)	74
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	0.970	0.940
2200	0.981	0.962
2000	0.990	0.981
1800	0.993	0.987
1600	0.997	0.994
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	0.998	0.996
800	0.996	0.993
700	0.995	0.990
650	0.991	0.982
600	0.990	0.981
550	0.981	0.962
500	0.957	0.915
480	0.941	0.886
460	0.921	0.848
440	0.888	0.788
420	0.812	0.660
400	0.414	0.171
390	0.173	0.030
380		
370		
360		
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	0.4	1.9	2.6	3.2	5.7	8.5
-40～-20	0.1	2.1	2.8	3.4	6.8	9.6
-20～0	0.0	2.3	3.2	4.2	6.6	10.7
0～20	0.9	2.7	3.7	4.8	7.2	11.5
20～40	1.3	3.0	4.2	5.3	8.2	12.7
40～60	1.6	3.6	4.6	5.9	9.3	13.6
60～80	1.6	4.1	5.2	6.2	9.5	14.4
80～100	1.6	4.3	5.4	6.5	10.2	15.4
100～120	2.0	4.5	5.6	6.8	10.6	15.8
120～140	2.1	4.7	5.8	7.4	11.2	16.5

机械性质 Mechanical Properties

H_K (10^7Pa)	484
F_A	242
E (10^7Pa)	10307
G (10^7Pa)	4149
μ	0.242
B (10^{-12}/Pa)	3.48

其他性质 Other Properties

ρ (g/cm^3)	3.49

备注 Remarks

CDGM