H-ZLaF71	850323	n_d = 1.850260	υ_d = 32.30	$n_F - n_C$ = 0.026326
		n_e = 1.856486	υ_e = 32.06	$n_{F'} - n_{C'}$ = 0.026715

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.796256
$n_{1970.09}$	1970.09	1.803819
$n_{1529.58}$	1529.58	1.812301
$n_{1060.0}$	1060.0	1.822589
n_t	1013.98	1.823931
n_s	852.11	1.829889
n_r	706.52	1.838352
n_C	656.27	1.842579
$n_{C'}$	643.85	1.843781
n_{He-Ne}	632.8	1.844911
n_D	589.29	1.850031
n_d	587.56	1.850260
n_e	546.07	1.856486
n_F	486.13	1.868905
$n_{F'}$	479.99	1.870496
n_g	435.83	1.884518
n_h	404.66	1.898268
n_i	365.01	1.923720
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	2.76154598E-01
L_1	5.57996382E-02
K_2	2.02569085E+00
L_2	1.20700588E-02
K_3	1.44513509E+00
L_3	9.98778223E+01

折射率温度系数常数 Constants of dn/dt

D_0	-2.79E-06
D_1	1.48E-08
D_2	-2.75E-11
E_0	8.00E-07
E_1	8.15E-10
λ_{TK}(μm)	0.275

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2263	$P'_{s,t}$	0.2230
$P_{C,s}$	0.4820	$P'_{C',s}$	0.5200
$P_{d,C}$	0.2918	$P'_{d,C'}$	0.2425
$P_{e,d}$	0.2365	$P'_{e,d}$	0.2331
$P_{g,F}$	0.5931	$P'_{g,F'}$	0.5249
$P_{i,h}$	0.9668	$P'_{i,h}$	0.9527

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0099	$\Delta P_{C,s}$	0.0039
$\Delta P_{F,e}$	-0.0002	$\Delta P_{g,F}$	0.0024

着色度 Color Code

λ_{80}/λ_5	
λ_{70}/λ_5	405/360

热性质 Thermal Properties

T_g (℃)	612
T_s (℃)	655
$T_{10}^{14.5}$ (℃)	574
T_{10}^{13} (℃)	605
$T_{10}^{7.6}$(℃)	706
$\alpha_{-30/70℃}$(10^{-7}/K)	76
$\alpha_{100/300℃}$(10^{-7}/K)	92
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	0.864	0.746
2200	0.954	0.910
2000	0.983	0.967
1800	0.993	0.987
1600	0.997	0.995
1400	0.998	0.996
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	0.996	0.992
700	0.995	0.991
650	0.994	0.989
600	0.994	0.989
550	0.993	0.986
500	0.986	0.972
480	0.981	0.962
460	0.974	0.949
440	0.963	0.927
420	0.945	0.893
400	0.901	0.812
390	0.858	0.737
380	0.782	0.611
370	0.627	0.393
360	0.332	0.110
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	-0.2	0.9	1.3	1.7	2.7	3.7
-40～-20	0.1	0.9	1.4	1.9	2.7	3.9
-20～0	0.1	1.2	1.5	1.9	2.8	4.1
0～20	0.4	1.3	1.7	1.9	3.2	4.5
20～40	0.7	1.3	1.9	2.1	3.5	4.7
40～60	0.8	1.7	2.3	2.6	3.7	5.1
60～80	0.9	2.1	2.4	3.1	4.2	5.7
80～100	0.9	2.3	2.6	3.3	4.5	6.0
100～120	0.9	2.3	2.7	3.4	4.7	6.1
120～140	0.9	2.3	2.7	3.4	4.8	6.2

机械性质 Mechanical Properties

H_K (10^7Pa)	607
F_A	131
E (10^7Pa)	11225
G (10^7Pa)	4352
μ	0.290
B (10^{-12}/Pa)	1.78

其他性质 Other Properties

ρ (g/cm^3)	4.22

备注 Remarks

CDGM