H-ZLaF96	051270	n_d = 2.050900	υ_d = 26.99	$n_F - n_C$ = 0.038943
		n_e = 2.060092	υ_e = 26.78	$n_{F'} - n_{C'}$ = 0.039584

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.983192
$n_{1970.09}$	1970.09	1.990499
$n_{1529.58}$	1529.58	1.999319
$n_{1060.0}$	1060.0	2.011694
n_t	1013.98	2.013456
n_s	852.11	2.021561
n_r	706.52	2.033558
n_C	656.27	2.039669
$n_{C'}$	643.85	2.041417
n_{He-Ne}	632.8	2.043064
n_D	589.29	2.050563
n_d	587.56	2.050900
n_e	546.07	2.060092
n_F	486.13	2.078612
$n_{F'}$	479.99	2.081001
n_g	435.83	2.102203
n_h	404.66	2.123253
n_i	365.01	2.162942
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	2.57270171E+00
L_1	1.48425684E-02
K_2	4.32410400E-01
L_2	5.98520451E-02
K_3	2.34870537E+00
L_3	1.56640293E+02

折射率温度系数常数 Constants of dn/dt

D_0	-1.54E-06
D_1	1.38E-08
D_2	-3.21E-11
E_0	1.17E-06
E_1	1.28E-09
λ_{TK}(μm)	0.260

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2081	$P'_{s,t}$	0.2048
$P_{C,s}$	0.4650	$P'_{C',s}$	0.5016
$P_{d,C}$	0.2884	$P'_{d,C'}$	0.2396
$P_{e,d}$	0.2360	$P'_{e,d}$	0.2322
$P_{g,F}$	0.6058	$P'_{g,F'}$	0.5356
$P_{i,h}$	1.0192	$P'_{i,h}$	1.0027

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	-0.0003	$\Delta P_{C,s}$	-0.0005
$\Delta P_{F,e}$	0.0008	$\Delta P_{g,F}$	0.0061

着色度 Color Code

λ_{80}/λ_5	
λ_{70}/λ_5	460/370

热性质 Thermal Properties

T_g (℃)	764
T_s (℃)	794
$T_{10}^{14.5}$ (℃)	709
T_{10}^{13} (℃)	742
$T_{10}^{7.6}$(℃)	855
$\alpha_{-30/70℃}$(10^{-7}/K)	72
$\alpha_{100/300℃}$(10^{-7}/K)	92
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	0.964	0.928
2200	0.989	0.977
2000	0.995	0.989
1800	0.998	0.996
1600	0.999	0.998
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	0.999	0.998
650	0.998	0.996
600	0.995	0.990
550	0.991	0.982
500	0.975	0.951
480	0.962	0.926
460	0.946	0.894
440	0.918	0.842
420	0.867	0.751
400	0.760	0.577
390	0.662	0.438
380	0.508	0.258
370	0.268	0.072
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	1.3	2.4	2.8	3.5	4.9	6.5
-40～-20	1.3	2.7	3.3	3.9	5.5	7.1
-20～0	1.3	3.0	3.6	4.3	6.1	8.0
0～20	1.3	3.1	3.9	4.5	6.3	8.3
20～40	1.5	3.3	4.2	4.9	6.5	8.9
40～60	1.7	4.0	4.5	5.1	7.0	9.4
60～80	2.2	4.2	4.7	5.5	7.7	9.8
80～100	2.4	4.3	5.0	6.0	8.0	10.2
100～120	2.4	4.3	5.2	6.0	8.2	10.7
120～140	2.4	4.3	5.3	6.2	8.2	11.1

机械性质 Mechanical Properties

H_K (10^7Pa)	701
F_A	98
E (10^7Pa)	13649
G (10^7Pa)	5223
μ	0.307
B (10^{-12}/Pa)	

其他性质 Other Properties

ρ (g/cm^3)	5.29

备注 Remarks

CDGM