H-ZLaF73	881402	n_d = 1.881000	υ_d = 40.16	$n_F - n_C$ = 0.021937
		n_e = 1.886212	υ_e = 39.91	$n_{F'} - n_{C'}$ = 0.022206

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.834346
$n_{1970.09}$	1970.09	1.840882
$n_{1529.58}$	1529.58	1.848256
$n_{1060.0}$	1060.0	1.857237
n_t	1013.98	1.858408
n_s	852.11	1.863587
n_r	706.52	1.870883
n_C	656.27	1.874495
$n_{C'}$	643.85	1.875518
n_{He-Ne}	632.8	1.876479
n_D	589.29	1.880807
n_d	587.56	1.881000
n_e	546.07	1.886212
n_F	486.13	1.896432
$n_{F'}$	479.99	1.897724
n_g	435.83	1.908921
n_h	404.66	1.919557
n_i	365.01	1.938267
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	5.07090015E-01
L_1	3.49987602E-02
K_2	1.92430260E+00
L_2	9.42878144E-03
K_3	1.49886410E+00
L_3	1.16086666E+02

折射率温度系数常数 Constants of dn/dt

D_0	1.20E-06
D_1	1.22E-08
D_2	-2.53E-11
E_0	8.04E-07
E_1	7.88E-10
λ_{TK}(μm)	0.213

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2361	$P'_{s,t}$	0.2332
$P_{C,s}$	0.4972	$P'_{C',s}$	0.5373
$P_{d,C}$	0.2965	$P'_{d,C'}$	0.2469
$P_{e,d}$	0.2376	$P'_{e,d}$	0.2347
$P_{g,F}$	0.5693	$P'_{g,F'}$	0.5042
$P_{i,h}$	0.8529	$P'_{i,h}$	0.8426

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	-0.0021	$\Delta P_{C,s}$	0.0006
$\Delta P_{F,e}$	-0.0018	$\Delta P_{g,F}$	-0.0080

着色度 Color Code

λ_{80}/λ_5	
λ_{70}/λ_5	375/325

热性质 Thermal Properties

T_g (℃)	707
T_s (℃)	741
$T_{10}^{14.5}$ (℃)	658
T_{10}^{13} (℃)	691
$T_{10}^{7.6}$(℃)	805
$\alpha_{-30/70℃}$(10^{-7}/K)	68
$\alpha_{100/300℃}$(10^{-7}/K)	86
λ[W/(m·K)]	

化学性质 Chemical Properties

	Grade
D_W	1
D_A	2
CR	1
RC(S)	2
RA(S)	1

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.919	0.845
2200	0.977	0.954
2000	0.990	0.980
1800	0.997	0.993
1600	0.999	0.997
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	0.999	0.997
600	0.998	0.996
550	0.997	0.995
500	0.995	0.990
480	0.992	0.985
460	0.989	0.979
440	0.986	0.973
420	0.981	0.962
400	0.968	0.937
390	0.956	0.914
380	0.936	0.876
370	0.901	0.812
360	0.844	0.713
350	0.757	0.573
340	0.620	0.385
330	0.411	0.169
320	0.187	0.035
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	2.7	3.6	3.8	4.3	5.1	5.8
-40～-20	2.9	3.7	4.1	4.4	5.2	6.0
-20～0	3.0	3.7	4.2	4.4	5.4	6.1
0～20	3.1	4.0	4.4	4.6	5.6	6.4
20～40	3.1	4.2	4.6	4.8	5.7	6.6
40～60	3.2	4.2	4.6	5.0	5.8	6.8
60～80	3.2	4.3	4.8	5.2	6.0	7.1
80～100	3.4	4.5	5.0	5.4	6.3	7.4
100～120	3.6	4.7	5.0	5.4	6.5	7.6
120～140	3.6	4.8	5.0	5.5	6.6	7.7

机械性质 Mechanical Properties

H_K (10^7Pa)	664
F_A	143
E (10^7Pa)	12387
G (10^7Pa)	4741
μ	0.306
B (10^{-12}/Pa)	1.16

其他性质 Other Properties

ρ (g/cm^3)	5.20

备注 Remarks

CDGM