H-ZLaF69A	816466	n_d = 1.816000	υ_d = 46.56	$n_F - n_C$ = 0.017527
		n_e = 1.820172	υ_e = 46.30	$n_{F'} - n_{C'}$ = 0.017713

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.773062
$n_{1970.09}$	1970.09	1.780090
$n_{1529.58}$	1529.58	1.787717
$n_{1060.0}$	1060.0	1.796218
n_t	1013.98	1.797257
n_s	852.11	1.801724
n_r	706.52	1.807793
n_C	656.27	1.810744
$n_{C'}$	643.85	1.811575
n_{He-Ne}	632.8	1.812353
n_D	589.29	1.815845
n_d	587.56	1.816000
n_e	546.07	1.820172
n_F	486.13	1.828271
$n_{F'}$	479.99	1.829288
n_g	435.83	1.838042
n_h	404.66	1.846258
n_i	365.01	1.860476
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	1.39269903E+00
L_1	5.93335223E-03
K_2	8.23697428E-01
L_2	2.40980834E-02
K_3	1.29547295E+00
L_3	9.53762858E+01

折射率温度系数常数 Constants of dn/dt

D_0	1.27E-06
D_1	1.30E-08
D_2	-2.95E-11
E_0	6.42E-07
E_1	8.08E-10
λ_{TK}(μm)	0.182

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2549	$P'_{s,t}$	0.2522
$P_{C,s}$	0.5146	$P'_{C',s}$	0.5561
$P_{d,C}$	0.2999	$P'_{d,C'}$	0.2498
$P_{e,d}$	0.2380	$P'_{e,d}$	0.2355
$P_{g,F}$	0.5575	$P'_{g,F'}$	0.4942
$P_{i,h}$	0.8112	$P'_{i,h}$	0.8027

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0039	$\Delta P_{C,s}$	0.0028
$\Delta P_{F,e}$	-0.0021	$\Delta P_{g,F}$	-0.0089

着色度 Color Code

λ_{80}/λ_5	390/330
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	719
T_s (℃)	740
$T_{10}^{14.5}$ (℃)	666
T_{10}^{13} (℃)	694
$T_{10}^{7.6}$(℃)	790
$\alpha_{-30/70℃}$(10^{-7}/K)	64
$\alpha_{100/300℃}$(10^{-7}/K)	78
λ[W/(m·K)]	

化学性质 Chemical Properties

	Grade
D_W	1
D_A	2
CR	1
RC(S)	1
RA(S)	3

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.872	0.761
2200	0.967	0.936
2000	0.987	0.974
1800	0.996	0.992
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	0.998	0.997
700	0.998	0.996
650	0.997	0.995
600	0.997	0.994
550	0.996	0.993
500	0.995	0.991
480	0.994	0.988
460	0.992	0.984
440	0.990	0.981
420	0.987	0.974
400	0.979	0.958
390	0.970	0.941
380	0.954	0.911
370	0.927	0.859
360	0.873	0.762
350	0.769	0.591
340	0.570	0.325
330	0.268	0.072
320	0.055	0.003
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	2.8	3.3	3.7	3.8	4.5	4.9
-40～-20	2.5	3.2	3.4	3.7	4.1	4.7
-20～0	2.7	3.3	3.5	3.7	4.2	4.9
0～20	2.8	3.4	3.6	3.8	4.5	5.0
20～40	3.1	3.5	3.9	4.2	4.7	5.3
40～60	3.1	3.8	4.0	4.3	4.8	5.6
60～80	3.1	4.0	4.2	4.5	5.3	5.8
80～100	3.0	4.1	4.4	4.6	5.4	5.9
100～120	2.9	4.1	4.5	4.7	5.3	6.1
120～140	3.2	4.2	4.6	4.8	5.5	6.3

机械性质 Mechanical Properties

H_K (10^7Pa)	710
F_A	92
E (10^7Pa)	12538
G (10^7Pa)	4831
μ	0.298
B (10^{-12}/Pa)	1.21

其他性质 Other Properties

ρ (g/cm^3)	5.06

备注 Remarks

CDGM