H-ZLaF2A	803468	n_d = 1.802790	υ_d = 46.76	$n_F - n_C$ = 0.017168
		n_e = 1.806876	υ_e = 46.51	$n_{F'} - n_{C'}$ = 0.017348

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.759242
$n_{1970.09}$	1970.09	1.766637
$n_{1529.58}$	1529.58	1.774586
$n_{1060.0}$	1060.0	1.783257
n_t	1013.98	1.784299
n_s	852.11	1.788748
n_r	706.52	1.794737
n_C	656.27	1.797636
$n_{C'}$	643.85	1.798451
n_{He-Ne}	632.8	1.799215
n_D	589.29	1.802638
n_d	587.56	1.802790
n_e	546.07	1.806876
n_F	486.13	1.814804
$n_{F'}$	479.99	1.815799
n_g	435.83	1.824370
n_h	404.66	1.832425
n_i	365.01	1.846399
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	1.76389273E+00
L_1	8.42148915E-03
K_2	4.07585264E-01
L_2	3.04194282E-02
K_3	1.27020239E+00
L_3	8.95802552E+01

折射率温度系数常数 Constants of dn/dt

D_0	1.27E-06
D_1	1.49E-08
D_2	-3.26E-11
E_0	6.27E-07
E_1	5.37E-10
λ_{TK}(μm)	0.200

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2591	$P'_{s,t}$	0.2565
$P_{C,s}$	0.5177	$P'_{C',s}$	0.5593
$P_{d,C}$	0.3002	$P'_{d,C'}$	0.2501
$P_{e,d}$	0.2380	$P'_{e,d}$	0.2355
$P_{g,F}$	0.5572	$P'_{g,F'}$	0.4941
$P_{i,h}$	0.8140	$P'_{i,h}$	0.8055

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0103	$\Delta P_{C,s}$	0.0054
$\Delta P_{F,e}$	-0.0023	$\Delta P_{g,F}$	-0.0089

着色度 Color Code

λ_{80}/λ_5	385/315
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	691
T_s (℃)	718
$T_{10}^{14.5}$ (℃)	646
T_{10}^{13} (℃)	674
$T_{10}^{7.6}$(℃)	765
$\alpha_{-30/70℃}$(10^{-7}/K)	58
$\alpha_{100/300℃}$(10^{-7}/K)	78
λ[W/(m·K)]	

化学性质 Chemical Properties

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

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.841	0.707
2200	0.955	0.912
2000	0.984	0.968
1800	0.995	0.989
1600	0.998	0.996
1400	0.999	0.997
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	0.997
800	0.999	0.997
700	0.999	0.997
650	0.999	0.997
600	0.999	0.997
550	0.998	0.996
500	0.998	0.996
480	0.996	0.993
460	0.994	0.989
440	0.990	0.981
420	0.987	0.974
400	0.978	0.956
390	0.968	0.937
380	0.952	0.907
370	0.924	0.853
360	0.876	0.767
350	0.801	0.642
340	0.685	0.469
330	0.517	0.267
320	0.286	0.082
310	0.155	0.024
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	2.5	3.1	3.3	3.5	4.1	4.4
-40～-20	2.3	3.3	3.4	3.5	4.1	4.5
-20～0	2.8	3.4	3.5	3.7	4.3	5.0
0～20	2.5	3.1	3.6	3.9	4.3	5.0
20～40	3.0	3.5	3.7	4.2	4.8	5.5
40～60	3.0	3.9	4.0	4.2	5.0	5.5
60～80	3.1	4.0	4.3	4.3	5.1	5.6
80～100	3.2	4.0	4.4	4.5	5.2	5.9
100～120	3.4	4.2	4.5	4.7	5.3	6.1
120～140	3.4	4.2	4.5	4.9	5.5	6.4

机械性质 Mechanical Properties

H_K (10^7Pa)	755
F_A	96
E (10^7Pa)	12043
G (10^7Pa)	4642
μ	0.297
B (10^{-12}/Pa)	

其他性质 Other Properties

ρ (g/cm^3)	4.65

备注 Remarks

CDGM