H-ZLaF75B	904314	n_d = 1.903660	υ_d = 31.42	$n_F - n_C$ = 0.028762
		n_e = 1.910461	υ_e = 31.19	$n_{F'} - n_{C'}$ = 0.029193

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.846830
$n_{1970.09}$	1970.09	1.854371
$n_{1529.58}$	1529.58	1.862952
$n_{1060.0}$	1060.0	1.873687
n_t	1013.98	1.875116
n_s	852.11	1.881511
n_r	706.52	1.890681
n_C	656.27	1.895282
$n_{C'}$	643.85	1.896592
n_{He-Ne}	632.8	1.897824
n_D	589.29	1.903410
n_d	587.56	1.903660
n_e	546.07	1.910461
n_F	486.13	1.924044
$n_{F'}$	479.99	1.925785
n_g	435.83	1.941137
n_h	404.66	1.956195
n_i	365.01	1.984062
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	3.22804345E-01
L_1	5.52627060E-02
K_2	2.16371144E+00
L_2	1.24574436E-02
K_3	1.59867722E+00
L_3	1.08245897E+02

折射率温度系数常数 Constants of dn/dt

D_0	-2.36E-06
D_1	1.27E-08
D_2	-2.37E-11
E_0	9.10E-07
E_1	1.21E-09
λ_{TK}(μm)	0.262

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2223	$P'_{s,t}$	0.2191
$P_{C,s}$	0.4788	$P'_{C',s}$	0.5166
$P_{d,C}$	0.2913	$P'_{d,C'}$	0.2421
$P_{e,d}$	0.2365	$P'_{e,d}$	0.2330
$P_{g,F}$	0.5943	$P'_{g,F'}$	0.5259
$P_{i,h}$	0.9689	$P'_{i,h}$	0.9546

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0069	$\Delta P_{C,s}$	0.0028
$\Delta P_{F,e}$	-0.0001	$\Delta P_{g,F}$	0.0021

着色度 Color Code

λ_{80}/λ_5	
λ_{70}/λ_5	400/360

热性质 Thermal Properties

T_g (℃)	668
T_s (℃)	696
$T_{10}^{14.5}$ (℃)	625
T_{10}^{13} (℃)	655
$T_{10}^{7.6}$(℃)	748
$\alpha_{-30/70℃}$(10^{-7}/K)	70
$\alpha_{100/300℃}$(10^{-7}/K)	88
λ[W/(m·K)]	

化学性质 Chemical Properties

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

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.889	0.790
2200	0.964	0.930
2000	0.986	0.973
1800	0.995	0.990
1600	0.998	0.996
1400	0.998	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	0.998	0.997
800	0.998	0.996
700	0.997	0.994
650	0.997	0.994
600	0.996	0.993
550	0.996	0.993
500	0.991	0.983
480	0.988	0.977
460	0.983	0.967
440	0.976	0.952
420	0.962	0.926
400	0.930	0.864
390	0.891	0.793
380	0.814	0.663
370	0.647	0.418
360	0.321	0.103
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	-0.3	1.3	1.9	2.2	3.3	4.1
-40～-20	0.6	1.4	2.0	2.4	3.4	4.3
-20～0	0.8	1.8	2.1	2.6	3.6	5.3
0～20	0.9	1.9	2.2	2.8	4.0	5.4
20～40	1.0	2.0	2.4	2.8	4.2	5.5
40～60	1.0	2.2	2.8	3.5	4.5	6.1
60～80	1.1	2.5	3.0	3.6	5.1	6.5
80～100	1.1	2.6	3.3	3.7	5.3	7.1
100～120	1.2	2.9	3.4	3.9	5.5	7.3
120～140	1.5	3.0	3.7	4.2	5.7	7.5

机械性质 Mechanical Properties

H_K (10^7Pa)	587
F_A	122
E (10^7Pa)	11641
G (10^7Pa)	4495
μ	0.295
B (10^{-12}/Pa)	1.47

其他性质 Other Properties

ρ (g/cm^3)	4.56

备注 Remarks

CDGM