H-ZLaF75A	904313	n_d = 1.903660	υ_d = 31.32	$n_F - n_C$ = 0.028857
		n_e = 1.910483	υ_e = 31.08	$n_{F'} - n_{C'}$ = 0.029293

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.846873
$n_{1970.09}$	1970.09	1.854381
$n_{1529.58}$	1529.58	1.862924
$n_{1060.0}$	1060.0	1.873634
n_t	1013.98	1.875063
n_s	852.11	1.881462
n_r	706.52	1.890648
n_C	656.27	1.895259
$n_{C'}$	643.85	1.896572
n_{He-Ne}	632.8	1.897808
n_D	589.29	1.903409
n_d	587.56	1.903660
n_e	546.07	1.910483
n_F	486.13	1.924116
$n_{F'}$	479.99	1.925865
n_g	435.83	1.941294
n_h	404.66	1.956452
n_i	365.01	1.984596
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	1.50615126E+00
L_1	1.02994725E+02
K_2	2.18809221E+00
L_2	1.27716105E-02
K_3	2.97955776E-01
L_3	5.69661668E-02

折射率温度系数常数 Constants of dn/dt

D_0	-2.63E-06
D_1	1.36E-08
D_2	-3.31E-11
E_0	9.08E-07
E_1	1.12E-09
λ_{TK}(μm)	0.265

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2217	$P'_{s,t}$	0.2184
$P_{C,s}$	0.4781	$P'_{C',s}$	0.5158
$P_{d,C}$	0.2911	$P'_{d,C'}$	0.2420
$P_{e,d}$	0.2364	$P'_{e,d}$	0.2329
$P_{g,F}$	0.5953	$P'_{g,F'}$	0.5267
$P_{i,h}$	0.9753	$P'_{i,h}$	0.9608

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0061	$\Delta P_{C,s}$	0.0024
$\Delta P_{F,e}$	0.0000	$\Delta P_{g,F}$	0.0029

着色度 Color Code

λ_{80}/λ_5	
λ_{70}/λ_5	405/360

热性质 Thermal Properties

T_g (℃)	671
T_s (℃)	702
$T_{10}^{14.5}$ (℃)	622
T_{10}^{13} (℃)	654
$T_{10}^{7.6}$(℃)	753
$\alpha_{-30/70℃}$(10^{-7}/K)	73
$\alpha_{100/300℃}$(10^{-7}/K)	88
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	0.906	0.821
2200	0.973	0.946
2000	0.989	0.978
1800	0.997	0.994
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	0.997	0.995
700	0.996	0.993
650	0.996	0.993
600	0.996	0.993
550	0.995	0.991
500	0.988	0.977
480	0.984	0.969
460	0.977	0.955
440	0.966	0.934
420	0.949	0.901
400	0.909	0.827
390	0.868	0.753
380	0.791	0.625
370	0.625	0.390
360	0.302	0.091
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	1.1	1.3	1.8	2.9	4.0
-40～-20	-0.2	1.2	1.5	2.0	3.1	4.3
-20～0	0.4	1.4	2.0	2.4	3.4	4.7
0～20	0.8	1.8	2.3	2.8	3.8	5.3
20～40	0.8	1.9	2.4	2.9	4.0	5.6
40～60	0.9	2.1	2.5	3.0	4.5	6.0
60～80	0.9	2.3	2.8	3.2	5.0	6.3
80～100	1.0	2.3	2.9	3.4	4.6	6.6
100～120	1.1	2.6	3.2	3.9	5.2	7.1
120～140	1.3	2.9	3.5	4.1	5.7	7.5

机械性质 Mechanical Properties

H_K (10^7Pa)	685
F_A	124
E (10^7Pa)	11734
G (10^7Pa)	4523
μ	0.297
B (10^{-12}/Pa)	

其他性质 Other Properties

ρ (g/cm^3)	4.56

备注 Remarks

CDGM