H-ZLaF75C	904314	n_d = 1.903660	υ_d = 31.36	$n_F - n_C$ = 0.028818
		n_e = 1.910474	υ_e = 31.12	$n_{F'} - n_{C'}$ = 0.029256

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.848171
$n_{1970.09}$	1970.09	1.855243
$n_{1529.58}$	1529.58	1.863384
$n_{1060.0}$	1060.0	1.873803
n_t	1013.98	1.875210
n_s	852.11	1.881541
n_r	706.52	1.890679
n_C	656.27	1.895276
$n_{C'}$	643.85	1.896586
n_{He-Ne}	632.8	1.897819
n_D	589.29	1.903409
n_d	587.56	1.903660
n_e	546.07	1.910474
n_F	486.13	1.924094
$n_{F'}$	479.99	1.925842
n_g	435.83	1.941260
n_h	404.66	1.956407
n_i	365.01	1.984521
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	1.59326832E+00
L_1	1.15386081E+02
K_2	2.99676795E-01
L_2	5.68068718E-02
K_3	2.18604253E+00
L_3	1.27688844E-02

折射率温度系数常数 Constants of dn/dt

D_0	-1.51E-06
D_1	1.55E-08
D_2	-4.16E-11
E_0	9.28E-07
E_1	8.84E-10
λ_{TK}(μm)	0.264

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2197	$P'_{s,t}$	0.2164
$P_{C,s}$	0.4766	$P'_{C',s}$	0.5143
$P_{d,C}$	0.2909	$P'_{d,C'}$	0.2418
$P_{e,d}$	0.2364	$P'_{e,d}$	0.2329
$P_{g,F}$	0.5957	$P'_{g,F'}$	0.5270
$P_{i,h}$	0.9756	$P'_{i,h}$	0.9610

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0023	$\Delta P_{C,s}$	0.0008
$\Delta P_{F,e}$	0.0002	$\Delta P_{g,F}$	0.0034

着色度 Color Code

λ_{80}/λ_5	
λ_{70}/λ_5	400/360

热性质 Thermal Properties

T_g (℃)	670
T_s (℃)	703
$T_{10}^{14.5}$ (℃)	620
T_{10}^{13} (℃)	653
$T_{10}^{7.6}$(℃)	763
$\alpha_{-30/70℃}$(10^{-7}/K)	73
$\alpha_{100/300℃}$(10^{-7}/K)	92
λ[W/(m·K)]	

化学性质 Chemical Properties

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

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.917	0.841
2200	0.975	0.950
2000	0.989	0.979
1800	0.997	0.993
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	0.999	0.998
700	0.999	0.998
650	0.998	0.997
600	0.996	0.992
550	0.995	0.991
500	0.993	0.986
480	0.989	0.978
460	0.985	0.970
440	0.978	0.957
420	0.964	0.929
400	0.930	0.864
390	0.892	0.796
380	0.817	0.668
370	0.650	0.422
360	0.318	0.101
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	0.6	1.8	2.3	2.8	3.7	4.7
-40～-20	0.9	1.9	2.4	2.9	4.1	5.1
-20～0	1.1	2.1	2.6	3.0	4.3	5.6
0～20	1.3	2.3	2.9	3.4	4.7	6.1
20～40	1.5	2.7	3.2	3.6	5.0	6.5
40～60	1.6	2.9	3.5	4.0	5.3	6.9
60～80	1.8	3.2	3.7	4.3	5.6	7.2
80～100	1.9	3.4	3.9	4.4	5.8	7.5
100～120	2.0	3.4	3.9	4.5	5.8	7.7
120～140	2.0	3.5	4.0	4.7	6.0	7.8

机械性质 Mechanical Properties

H_K (10^7Pa)	622
F_A	147
E (10^7Pa)	11744
G (10^7Pa)	4518
μ	0.300
B (10^{-12}/Pa)	1.32

其他性质 Other Properties

ρ (g/cm^3)	4.54

备注 Remarks

CDGM