H-ZLaF55C	835427	n_d = 1.834810	υ_d = 42.71	$n_F - n_C$ = 0.019545
		n_e = 1.839456	υ_e = 42.46	$n_{F'} - n_{C'}$ = 0.019770

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.788836
$n_{1970.09}$	1970.09	1.796123
$n_{1529.58}$	1529.58	1.804077
$n_{1060.0}$	1060.0	1.813102
n_t	1013.98	1.814221
n_s	852.11	1.819070
n_r	706.52	1.825727
n_C	656.27	1.828983
$n_{C'}$	643.85	1.829902
n_{He-Ne}	632.8	1.830764
n_D	589.29	1.834638
n_d	587.56	1.834810
n_e	546.07	1.839456
n_F	486.13	1.848528
$n_{F'}$	479.99	1.849672
n_g	435.83	1.859568
n_h	404.66	1.868940
n_i	365.01	1.885374
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	1.89206469E+00
L_1	9.27969961E-03
K_2	3.83013491E-01
L_2	3.56259460E-02
K_3	1.32100138E+00
L_3	9.36667669E+01

折射率温度系数常数 Constants of dn/dt

D_0	1.91E-06
D_1	1.02E-08
D_2	-6.88E-11
E_0	7.48E-07
E_1	2.17E-10
λ_{TK}(μm)	0.194

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2481	$P'_{s,t}$	0.2453
$P_{C,s}$	0.5072	$P'_{C',s}$	0.5479
$P_{d,C}$	0.2981	$P'_{d,C'}$	0.2483
$P_{e,d}$	0.2377	$P'_{e,d}$	0.2350
$P_{g,F}$	0.5649	$P'_{g,F'}$	0.5006
$P_{i,h}$	0.8408	$P'_{i,h}$	0.8313

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0078	$\Delta P_{C,s}$	0.0045
$\Delta P_{F,e}$	-0.0021	$\Delta P_{g,F}$	-0.0081

着色度 Color Code

λ_{80}/λ_5	410/330
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	680
T_s (℃)	709
$T_{10}^{14.5}$ (℃)	634
T_{10}^{13} (℃)	663
$T_{10}^{7.6}$(℃)	758
$\alpha_{-30/70℃}$(10^{-7}/K)	62
$\alpha_{100/300℃}$(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	0.862	0.742
2200	0.963	0.927
2000	0.985	0.971
1800	0.995	0.991
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	0.998
800	0.998	0.997
700	0.998	0.996
650	0.998	0.996
600	0.998	0.997
550	0.999	0.998
500	0.997	0.994
480	0.993	0.987
460	0.990	0.981
440	0.984	0.970
420	0.979	0.958
400	0.965	0.931
390	0.950	0.903
380	0.928	0.861
370	0.887	0.787
360	0.822	0.675
350	0.720	0.518
340	0.560	0.314
330	0.330	0.109
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						
-40～-20	3.3	4.0	3.5	3.9	4.7	5.1
-20～0	3.1	4.5	4.9	5.3	5.8	6.8
0～20	3.3	3.8	4.4	4.7	5.0	6.5
20～40	3.9	4.5	4.7	5.2	5.6	6.3
40～60	2.9	3.2	4.0	4.1	5.2	5.5
60～80	3.3	4.2	5.2	5.3	6.3	7.1
80～100						
100～120						
120～140						

机械性质 Mechanical Properties

H_K (10^7Pa)	722
F_A	93
E (10^7Pa)	12779
G (10^7Pa)	4920
μ	0.299
B (10^{-12}/Pa)	1.35

其他性质 Other Properties

ρ (g/cm^3)	4.73

备注 Remarks

CDGM