H-ZLaF55D	835427	n_d = 1.834810	υ_d = 42.73	$n_F - n_C$ = 0.019539
		n_e = 1.839455	υ_e = 42.48	$n_{F'} - n_{C'}$ = 0.019763

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.789181
$n_{1970.09}$	1970.09	1.796354
$n_{1529.58}$	1529.58	1.804187
$n_{1060.0}$	1060.0	1.813124
n_t	1013.98	1.814237
n_s	852.11	1.819073
n_r	706.52	1.825726
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	1.839455
n_F	486.13	1.848522
$n_{F'}$	479.99	1.849665
n_g	435.83	1.859548
n_h	404.66	1.868906
n_i	365.01	1.885328
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	2.27765275E-01
L_1	4.12221798E-02
K_2	2.04686906E+00
L_2	1.07489490E-02
K_3	1.20888928E+00
L_3	8.78518998E+01

折射率温度系数常数 Constants of dn/dt

D_0	1.05E-06
D_1	1.59E-08
D_2	-2.67E-11
E_0	6.94E-07
E_1	2.64E-10
λ_{TK}(μm)	0.221

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2475	$P'_{s,t}$	0.2447
$P_{C,s}$	0.5072	$P'_{C',s}$	0.5479
$P_{d,C}$	0.2982	$P'_{d,C'}$	0.2483
$P_{e,d}$	0.2377	$P'_{e,d}$	0.2350
$P_{g,F}$	0.5643	$P'_{g,F'}$	0.5001
$P_{i,h}$	0.8405	$P'_{i,h}$	0.8309

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0071	$\Delta P_{C,s}$	0.0044
$\Delta P_{F,e}$	-0.0022	$\Delta P_{g,F}$	-0.0086

着色度 Color Code

λ_{80}/λ_5	400/320
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	692
T_s (℃)	722
$T_{10}^{14.5}$ (℃)	645
T_{10}^{13} (℃)	674
$T_{10}^{7.6}$(℃)	771
$\alpha_{-30/70℃}$(10^{-7}/K)	64
$\alpha_{100/300℃}$(10^{-7}/K)	81
λ[W/(m·K)]	

化学性质 Chemical Properties

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

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.869	0.756
2200	0.965	0.931
2000	0.986	0.972
1800	0.996	0.991
1600	0.999	0.997
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	0.999	0.998
600	0.999	0.998
550	0.999	0.998
500	0.997	0.995
480	0.996	0.993
460	0.994	0.989
440	0.991	0.982
420	0.987	0.974
400	0.978	0.957
390	0.969	0.939
380	0.956	0.913
370	0.929	0.863
360	0.888	0.788
350	0.817	0.668
340	0.691	0.478
330	0.468	0.219
320	0.170	0.029
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	2.2	3.2	3.6	3.7	4.3	5.1
-40～-20	2.3	3.4	3.7	3.8	4.5	5.2
-20～0	2.4	3.4	3.7	3.9	4.6	5.4
0～20	2.5	3.5	3.7	4.1	4.8	5.5
20～40	2.9	3.6	4.0	4.3	5.2	5.7
40～60	3.2	4.0	4.2	4.6	5.3	6.0
60～80	3.3	4.1	4.3	4.7	5.4	6.3
80～100	3.5	4.2	4.5	4.8	5.6	6.6
100～120	3.5	4.3	4.6	4.9	5.8	6.9
120～140	3.6	4.5	4.8	5.1	6.1	7.1

机械性质 Mechanical Properties

H_K (10^7Pa)	684
F_A	97
E (10^7Pa)	12359
G (10^7Pa)	4755
μ	0.299
B (10^{-12}/Pa)	1.26

其他性质 Other Properties

ρ (g/cm^3)	4.56

备注 Remarks

CDGM