D-ZLaF85LS-25	853406	n_d = 1.853440	υ_d = 40.56	$n_F - n_C$ = 0.021043
		n_e = 1.858439	υ_e = 40.31	$n_{F'} - n_{C'}$ = 0.021298

折射率 Refractive Index**

	λ（nm）	
$n_{2325.42}$	2325.42	1.807637
$n_{1970.09}$	1970.09	1.814263
$n_{1529.58}$	1529.58	1.821675
$n_{1060.0}$	1060.0	1.830534
n_t	1013.98	1.831674
n_s	852.11	1.836694
n_r	706.52	1.843723
n_C	656.27	1.847195
$n_{C'}$	643.85	1.848178
n_{He-Ne}	632.8	1.849100
n_D	589.29	1.853255
n_d	587.56	1.853440
n_e	546.07	1.858439
n_F	486.13	1.868238
$n_{F'}$	479.99	1.869476
n_g	435.83	1.880203
n_h	404.66	1.890386
n_i	365.01	1.908277
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	1.70152719E+00
L_1	7.96295658E-03
K_2	6.33298236E-01
L_2	3.20099725E-02
K_3	1.43191921E+00
L_3	1.10679270E+02

折射率温度系数常数 Constants of dn/dt

D_0	
D_1	
D_2	
E_0	
E_1	
λ_{TK}(μm)	

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2386	$P'_{s,t}$	0.2357
$P_{C,s}$	0.4990	$P'_{C',s}$	0.5392
$P_{d,C}$	0.2968	$P'_{d,C'}$	0.2471
$P_{e,d}$	0.2376	$P'_{e,d}$	0.2347
$P_{g,F}$	0.5686	$P'_{g,F'}$	0.5037
$P_{i,h}$	0.8502	$P'_{i,h}$	0.8400

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0002	$\Delta P_{C,s}$	0.0014
$\Delta P_{F,e}$	-0.0018	$\Delta P_{g,F}$	-0.0080

着色度 Color Code

λ_{80}/λ_5	
λ_{70}/λ_5	375/340

热性质 Thermal Properties

T_g (℃)	622
T_s (℃)	666
$T_{10}^{14.5}$ (℃)	579
T_{10}^{13} (℃)	610
$T_{10}^{7.6}$(℃)	723
$\alpha_{-30/70℃}$(10^{-7}/K)	63
$\alpha_{100/300℃}$(10^{-7}/K)	81
λ[W/(m·K)]	

化学性质 Chemical Properties

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

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.904	0.817
2200	0.974	0.949
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	0.999	0.998
700	0.998	0.997
650	0.998	0.996
600	0.998	0.996
550	0.997	0.995
500	0.995	0.991
480	0.993	0.987
460	0.991	0.983
440	0.987	0.974
420	0.983	0.966
400	0.972	0.944
390	0.960	0.922
380	0.938	0.880
370	0.896	0.803
360	0.810	0.656
350	0.626	0.392
340	0.303	0.092
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						
-40～-20	4.7	5.5	6.2	6.3	7.2	7.9
-20～0	5.0	5.7	6.2	6.4	7.2	8.4
0～20	5.2	6.0	6.3	6.7	7.3	8.8
20～40	5.5	6.5	7.0	7.2	8.2	9.3
40～60	5.7	6.7	7.2	7.6	8.6	9.4
60～80	5.7	7.0	7.3	7.6	8.6	9.5
80～100						
100～120						
120～140						

机械性质 Mechanical Properties

H_K (10^7Pa)	648
F_A	100
E (10^7Pa)	12077
G (10^7Pa)	4623
μ	0.306
B (10^{-12}/Pa)	1.71

其他性质 Other Properties

ρ (g/cm^3)	5.29

备注 Remarks

**:退火速率 anneal rate 25℃/h

CDGM