D-ZLaF85L-25	853405	n_d = 1.852600	υ_d = 40.53	$n_F - n_C$ = 0.021035
		n_e = 1.857598	υ_e = 40.28	$n_{F'} - n_{C'}$ = 0.021289

折射率 Refractive Index**

	λ（nm）	
$n_{2325.42}$	2325.42	1.806838
$n_{1970.09}$	1970.09	1.813446
$n_{1529.58}$	1529.58	1.820846
$n_{1060.0}$	1060.0	1.829701
n_t	1013.98	1.830841
n_s	852.11	1.835859
n_r	706.52	1.842887
n_C	656.27	1.846357
$n_{C'}$	643.85	1.847340
n_{He-Ne}	632.8	1.848262
n_D	589.29	1.852415
n_d	587.56	1.852600
n_e	546.07	1.857598
n_F	486.13	1.867392
$n_{F'}$	479.99	1.868629
n_g	435.83	1.879352
n_h	404.66	1.889531
n_i	365.01	1.907415
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	1.71754157E+00
L_1	8.12526680E-03
K_2	6.14249641E-01
L_2	3.23072933E-02
K_3	1.49329677E+00
L_3	1.15416839E+02

折射率温度系数常数 Constants of dn/dt

D_0	4.58E-06
D_1	1.63E-08
D_2	-3.37E-11
E_0	8.32E-07
E_1	7.24E-10
λ_{TK}(μm)	0.214

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2386	$P'_{s,t}$	0.2357
$P_{C,s}$	0.4991	$P'_{C',s}$	0.5393
$P_{d,C}$	0.2968	$P'_{d,C'}$	0.2471
$P_{e,d}$	0.2376	$P'_{e,d}$	0.2348
$P_{g,F}$	0.5686	$P'_{g,F'}$	0.5037
$P_{i,h}$	0.8502	$P'_{i,h}$	0.8401

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0004	$\Delta P_{C,s}$	0.0015
$\Delta P_{F,e}$	-0.0019	$\Delta P_{g,F}$	-0.0081

着色度 Color Code

λ_{80}/λ_5	
λ_{70}/λ_5	375/340

热性质 Thermal Properties

T_g (℃)	620
T_s (℃)	664
$T_{10}^{14.5}$ (℃)	604
T_{10}^{13} (℃)	637
$T_{10}^{7.6}$(℃)	721
$\alpha_{-30/70℃}$(10^{-7}/K)	63
$\alpha_{100/300℃}$(10^{-7}/K)	77
λ[W/(m·K)]	

化学性质 Chemical Properties

	Grade
D_W	1
D_A	5
CR	1
RC(S)	1
RA(S)	3

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.903	0.815
2200	0.975	0.951
2000	0.992	0.983
1800	0.998	0.997
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	0.994
700	0.996	0.993
650	0.995	0.991
600	0.995	0.990
550	0.994	0.989
500	0.991	0.983
480	0.989	0.978
460	0.986	0.972
440	0.982	0.965
420	0.977	0.955
400	0.966	0.933
390	0.954	0.909
380	0.932	0.868
370	0.890	0.790
360	0.790	0.630
350	0.600	0.360
340	0.260	0.070
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	4.7	5.6	6.0	6.2	7.1	7.9
-40～-20	4.8	5.7	6.0	6.3	7.2	8.0
-20～0	4.8	5.8	6.1	6.5	7.4	8.2
0～20	4.9	6.0	6.4	6.7	7.7	8.4
20～40	5.1	6.3	6.7	6.9	8.0	8.9
40～60	5.5	6.4	7.1	7.6	8.4	9.4
60～80	5.8	6.6	7.2	7.7	8.4	9.7
80～100	5.8	7.0	7.3	7.8	8.7	9.8
100～120	6.0	7.1	7.4	8.0	9.0	9.9
120～140	6.1	7.2	7.4	8.0	9.1	10.0

机械性质 Mechanical Properties

H_K (10^7Pa)	677
F_A	104
E (10^7Pa)	11946
G (10^7Pa)	4618
μ	0.293
B (10^{-12}/Pa)	1.79

其他性质 Other Properties

ρ (g/cm^3)	5.28

备注 Remarks

**:退火速率 anneal rate 25℃/h

CDGM