D-ZK2-25	582593	n_d = 1.582410	υ_d = 59.31	$n_F - n_C$ = 0.009820
		n_e = 1.584752	υ_e = 59.07	$n_{F'} - n_{C'}$ = 0.009900

折射率 Refractive Index**

	λ（nm）	
$n_{2325.42}$	2325.42	1.552673
$n_{1970.09}$	1970.09	1.558401
$n_{1529.58}$	1529.58	1.564432
$n_{1060.0}$	1060.0	1.570550
n_t	1013.98	1.571238
n_s	852.11	1.574070
n_r	706.52	1.577701
n_C	656.27	1.579413
$n_{C'}$	643.85	1.579891
n_{He-Ne}	632.8	1.580337
n_D	589.29	1.582322
n_d	587.56	1.582410
n_e	546.07	1.584752
n_F	486.13	1.589233
$n_{F'}$	479.99	1.589791
n_g	435.83	1.594548
n_h	404.66	1.598952
n_i	365.01	1.606444
$n_{313.18}$	313.18	1.621644
$n_{302.15}$	302.15	1.626144

色散公式常数 Constants of Dispersion Formula

K_1	1.10449460E+00
L_1	6.20948070E-03
K_2	3.60941240E-01
L_2	1.96844329E-02
K_3	1.01208343E+00
L_3	1.01038646E+02

折射率温度系数常数 Constants of dn/dt

D_0	2.00E-06
D_1	1.15E-08
D_2	4.47E-11
E_0	6.34E-07
E_1	6.43E-10
λ_{TK}(μm)	0.089

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2884	$P'_{s,t}$	0.2861
$P_{C,s}$	0.5441	$P'_{C',s}$	0.5880
$P_{d,C}$	0.3052	$P'_{d,C'}$	0.2544
$P_{e,d}$	0.2385	$P'_{e,d}$	0.2366
$P_{g,F}$	0.5412	$P'_{g,F'}$	0.4805
$P_{i,h}$	0.7629	$P'_{i,h}$	0.7568

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0068	$\Delta P_{C,s}$	0.0021
$\Delta P_{F,e}$	-0.0010	$\Delta P_{g,F}$	-0.0035

着色度 Color Code

λ_{80}/λ_5	335/285
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	501
T_s (℃)	533
$T_{10}^{14.5}$ (℃)	456
T_{10}^{13} (℃)	490
$T_{10}^{7.6}$(℃)	604
$\alpha_{-30/70℃}$(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	6
CR	2
RC(S)	2
RA(S)	3

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.897	0.804
2200	0.943	0.888
2000	0.983	0.966
1800	0.991	0.982
1600	0.996	0.992
1400	0.993	0.986
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	0.998	0.997
550	0.998	0.997
500	0.998	0.997
480	0.998	0.996
460	0.997	0.995
440	0.996	0.992
420	0.996	0.992
400	0.995	0.991
390	0.994	0.989
380	0.993	0.987
370	0.989	0.979
360	0.982	0.965
350	0.967	0.936
340	0.939	0.881
330	0.887	0.786
320	0.794	0.631
310	0.650	0.422
300	0.462	0.213
290	0.270	0.073
280	0.148	0.022

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	2.5	3.2	3.5	3.7	3.9	4.2
-20～0	2.4	3.1	3.3	3.5	3.9	4.2
0～20	2.7	3.1	3.4	3.5	3.8	4.2
20～40	2.7	3.1	3.5	3.6	3.9	4.2
40～60	2.8	3.2	3.4	3.6	3.9	4.3
60～80	3.1	3.5	3.8	4.1	4.4	4.6
80～100						
100～120						
120～140						

机械性质 Mechanical Properties

H_K (10^7Pa)	610
F_A	93
E (10^7Pa)	9044
G (10^7Pa)	3635
μ	0.244
B (10^{-12}/Pa)	2.20

其他性质 Other Properties

ρ (g/cm^3)	2.96

备注 Remarks

**:退火速率 anneal rate 25℃/h

CDGM