H-ZK2	583595	n_d = 1.583130	υ_d = 59.46	$n_F - n_C$ = 0.009807
		n_e = 1.585469	υ_e = 59.20	$n_{F'} - n_{C'}$ = 0.009889

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.554084
$n_{1970.09}$	1970.09	1.559608
$n_{1529.58}$	1529.58	1.565428
$n_{1060.0}$	1060.0	1.571377
n_t	1013.98	1.572051
n_s	852.11	1.574840
n_r	706.52	1.578440
n_C	656.27	1.580143
$n_{C'}$	643.85	1.580619
n_{He-Ne}	632.8	1.581064
n_D	589.29	1.583043
n_d	587.56	1.583130
n_e	546.07	1.585469
n_F	486.13	1.589950
$n_{F'}$	479.99	1.590508
n_g	435.83	1.595274
n_h	404.66	1.599692
n_i	365.01	1.607219
$n_{313.18}$	313.18	1.622529
$n_{302.15}$	302.15	1.627069

色散公式常数 Constants of Dispersion Formula

K_1	4.27442699E-01
L_1	1.91755139E-02
K_2	9.07023646E-01
L_2	9.46355569E+01
K_3	1.04012009E+00
L_3	5.52619449E-03

折射率温度系数常数 Constants of dn/dt

D_0	2.23E-06
D_1	2.61E-08
D_2	-7.02E-11
E_0	4.76E-07
E_1	-6.76E-10
λ_{TK}(μm)	0.184

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2844	$P'_{s,t}$	0.2820
$P_{C,s}$	0.5407	$P'_{C',s}$	0.5844
$P_{d,C}$	0.3046	$P'_{d,C'}$	0.2539
$P_{e,d}$	0.2385	$P'_{e,d}$	0.2365
$P_{g,F}$	0.5429	$P'_{g,F'}$	0.4819
$P_{i,h}$	0.7675	$P'_{i,h}$	0.7611

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	-0.0013	$\Delta P_{C,s}$	-0.0016
$\Delta P_{F,e}$	-0.0003	$\Delta P_{g,F}$	-0.0016

着色度 Color Code

λ_{80}/λ_5	340/285
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	609
T_s (℃)	668
$T_{10}^{14.5}$ (℃)	553
T_{10}^{13} (℃)	590
$T_{10}^{7.6}$(℃)	744
$\alpha_{-30/70℃}$(10^{-7}/K)	61
$\alpha_{100/300℃}$(10^{-7}/K)	78
λ[W/(m·K)]	

化学性质 Chemical Properties

	Grade
D_W	1
D_A	6
CR	2
RC(S)	1
RA(S)	3

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.912	0.832
2200	0.953	0.908
2000	0.986	0.973
1800	0.994	0.988
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	0.998	0.997
700	0.998	0.997
650	0.998	0.996
600	0.998	0.996
550	0.997	0.995
500	0.997	0.995
480	0.996	0.993
460	0.996	0.993
440	0.995	0.991
420	0.995	0.991
400	0.994	0.989
390	0.992	0.985
380	0.989	0.979
370	0.984	0.969
360	0.972	0.945
350	0.950	0.903
340	0.908	0.825
330	0.837	0.700
320	0.710	0.510
310	0.540	0.300
300	0.340	0.120
290	0.160	0.030
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	1.8	2.0	2.3	2.7	2.9	3.4
-20～0	2.5	2.8	3.0	3.1	3.3	3.9
0～20	2.6	2.8	3.2	3.4	3.7	3.9
20～40	2.9	3.3	3.4	3.6	3.8	4.0
40～60	3.1	3.3	3.5	3.6	3.9	4.3
60～80	3.4	3.8	3.9	4.0	4.5	4.7
80～100						
100～120						
120～140						

机械性质 Mechanical Properties

H_K (10^7Pa)	559
F_A	114
E (10^7Pa)	8077
G (10^7Pa)	3219
μ	0.255
B (10^{-12}/Pa)	2.39

其他性质 Other Properties

ρ (g/cm^3)	3.24

备注 Remarks

CDGM