H-ZK9B	620603	n_d = 1.620410	υ_d = 60.34	$n_F - n_C$ = 0.010282
		n_e = 1.622862	υ_e = 60.09	$n_{F'} - n_{C'}$ = 0.010365

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.588985
$n_{1970.09}$	1970.09	1.595085
$n_{1529.58}$	1529.58	1.601496
$n_{1060.0}$	1060.0	1.607969
n_t	1013.98	1.608693
n_s	852.11	1.611671
n_r	706.52	1.615479
n_C	656.27	1.617273
$n_{C'}$	643.85	1.617773
n_{He-Ne}	632.8	1.618240
n_D	589.29	1.620318
n_d	587.56	1.620410
n_e	546.07	1.622862
n_F	486.13	1.627555
$n_{F'}$	479.99	1.628138
n_g	435.83	1.633121
n_h	404.66	1.637734
n_i	365.01	1.645583
$n_{313.18}$	313.18	1.661507
$n_{302.15}$	302.15	1.666216

色散公式常数 Constants of Dispersion Formula

K_1	8.74918734E-01
L_1	3.73965378E-03
K_2	7.09627300E-01
L_2	1.63972089E-02
K_3	1.09453882E+00
L_3	1.00204324E+02

折射率温度系数常数 Constants of dn/dt

D_0	-9.86E-07
D_1	1.83E-08
D_2	-3.36E-11
E_0	3.65E-07
E_1	9.55E-11
λ_{TK}(μm)	0.222

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2896	$P'_{s,t}$	0.2873
$P_{C,s}$	0.5448	$P'_{C',s}$	0.5887
$P_{d,C}$	0.3051	$P'_{d,C'}$	0.2544
$P_{e,d}$	0.2385	$P'_{e,d}$	0.2366
$P_{g,F}$	0.5413	$P'_{g,F'}$	0.4808
$P_{i,h}$	0.7634	$P'_{i,h}$	0.7573

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0039	$\Delta P_{C,s}$	0.0004
$\Delta P_{F,e}$	-0.0003	$\Delta P_{g,F}$	-0.0016

着色度 Color Code

λ_{80}/λ_5	355/295
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	663
T_s (℃)	704
$T_{10}^{14.5}$ (℃)	616
T_{10}^{13} (℃)	646
$T_{10}^{7.6}$(℃)	764
$\alpha_{-30/70℃}$(10^{-7}/K)	62
$\alpha_{100/300℃}$(10^{-7}/K)	77
λ[W/(m·K)]	

化学性质 Chemical Properties

	Grade
D_W	3
D_A	4
CR	4c
RC(S)	1
RA(S)	3

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.859	0.738
2200	0.929	0.863
2000	0.978	0.957
1800	0.989	0.979
1600	0.995	0.991
1400	0.992	0.985
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	0.997	0.995
650	0.998	0.997
600	0.999	0.998
550	0.999	0.998
500	0.999	0.998
480	0.999	0.998
460	0.999	0.998
440	0.998	0.996
420	0.997	0.995
400	0.996	0.992
390	0.993	0.987
380	0.990	0.980
370	0.982	0.965
360	0.965	0.932
350	0.935	0.874
340	0.881	0.777
330	0.797	0.635
320	0.672	0.451
310	0.508	0.258
300	0.332	0.110
290	0.184	0.034
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	0.7	1.2	1.4	1.4	1.7	1.9
-40～-20	0.8	1.3	1.4	1.5	1.8	2.1
-20～0	0.8	1.3	1.4	1.6	1.8	2.1
0～20	1.0	1.4	1.6	1.7	1.8	2.1
20～40	1.3	1.6	1.7	1.8	2.0	2.4
40～60	1.5	1.7	1.9	2.1	2.4	2.8
60～80	1.6	1.9	2.0	2.2	2.6	2.9
80～100	1.7	2.0	2.1	2.2	2.6	2.9
100～120	1.8	2.1	2.3	2.3	2.7	2.9
120～140	1.9	2.3	2.4	2.5	2.7	3.1

机械性质 Mechanical Properties

H_K (10^7Pa)	574
F_A	145
E (10^7Pa)	8985
G (10^7Pa)	3551
μ	0.265
B (10^{-12}/Pa)	1.84

其他性质 Other Properties

ρ (g/cm^3)	3.58

备注 Remarks

CDGM