H-ZK1	569630	n_d = 1.568880	υ_d = 62.96	$n_F - n_C$ = 0.009036
		n_e = 1.571036	υ_e = 62.73	$n_{F'} - n_{C'}$ = 0.009103

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.539043
$n_{1970.09}$	1970.09	1.545132
$n_{1529.58}$	1529.58	1.551467
$n_{1060.0}$	1060.0	1.557680
n_t	1013.98	1.558356
n_s	852.11	1.561091
n_r	706.52	1.564514
n_C	656.27	1.566108
$n_{C'}$	643.85	1.566552
n_{He-Ne}	632.8	1.566965
n_D	589.29	1.568799
n_d	587.56	1.568880
n_e	546.07	1.571036
n_F	486.13	1.575144
$n_{F'}$	479.99	1.575655
n_g	435.83	1.580000
n_h	404.66	1.584015
n_i	365.01	1.590832
$n_{313.18}$	313.18	1.604627
$n_{302.15}$	302.15	1.608702

色散公式常数 Constants of Dispersion Formula

K_1	1.06131555E+00
L_1	5.43666583E-03
K_2	3.65740168E-01
L_2	1.87659148E-02
K_3	1.03466756E+00
L_3	9.75169702E+01

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

$P_{s,t}$	0.3027	$P'_{s,t}$	0.3005
$P_{C,s}$	0.5552	$P'_{C',s}$	0.5999
$P_{d,C}$	0.3068	$P'_{d,C'}$	0.2557
$P_{e,d}$	0.2386	$P'_{e,d}$	0.2368
$P_{g,F}$	0.5374	$P'_{g,F'}$	0.4773
$P_{i,h}$	0.7544	$P'_{i,h}$	0.7489

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0150	$\Delta P_{C,s}$	0.0046
$\Delta P_{F,e}$	-0.0007	$\Delta P_{g,F}$	-0.0011

着色度 Color Code

λ_{80}/λ_5	345/305
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	620
T_s (℃)	670
$T_{10}^{14.5}$ (℃)	554
T_{10}^{13} (℃)	594
$T_{10}^{7.6}$(℃)	734
$\alpha_{-30/70℃}$(10^{-7}/K)	61
$\alpha_{100/300℃}$(10^{-7}/K)	75
λ[W/(m·K)]	

化学性质 Chemical Properties

	Grade
D_W	3
D_A	4
CR	
RC(S)	2
RA(S)	3

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.870	0.760
2200	0.925	0.856
2000	0.980	0.960
1800	0.992	0.984
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	0.997
600	0.998	0.997
550	0.998	0.997
500	0.998	0.996
480	0.997	0.995
460	0.997	0.994
440	0.996	0.993
420	0.996	0.993
400	0.995	0.991
390	0.993	0.987
380	0.990	0.980
370	0.985	0.971
360	0.975	0.950
350	0.955	0.912
340	0.918	0.843
330	0.850	0.730
320	0.750	0.560
310	0.590	0.350
300	0.400	0.160
290	0.200	0.040
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	1.3	1.8	1.9	2.1	2.4	2.5
-20～0	1.3	2.1	2.1	2.3	2.6	2.7
0～20	1.5	2.2	2.4	2.4	2.7	2.8
20～40	1.6	2.3	2.5	2.6	2.8	3.0
40～60	1.9	2.3	2.5	2.6	2.8	3.1
60～80	2.3	2.4	2.6	2.7	2.9	3.3
80～100						
100～120						
120～140						

机械性质 Mechanical Properties

H_K (10^7Pa)	534
F_A	116
E (10^7Pa)	8582
G (10^7Pa)	3459
μ	0.241
B (10^{-12}/Pa)	2.29

其他性质 Other Properties

ρ (g/cm^3)	3.06

备注 Remarks

CDGM