H-ZK50GT	607567	n_d = 1.607380	υ_d = 56.65	$n_F - n_C$ = 0.010721
		n_e = 1.609935	υ_e = 56.37	$n_{F'} - n_{C'}$ = 0.010821

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.578561
$n_{1970.09}$	1970.09	1.583630
$n_{1529.58}$	1529.58	1.589073
$n_{1060.0}$	1060.0	1.594894
n_t	1013.98	1.595579
n_s	852.11	1.598471
n_r	706.52	1.602300
n_C	656.27	1.604136
$n_{C'}$	643.85	1.604651
n_{He-Ne}	632.8	1.605133
n_D	589.29	1.607285
n_d	587.56	1.607380
n_e	546.07	1.609935
n_F	486.13	1.614857
$n_{F'}$	479.99	1.615472
n_g	435.83	1.620734
n_h	404.66	1.625628
n_i	365.01	1.633993
$n_{313.18}$	313.18	1.651067
$n_{302.15}$	302.15	1.656137

色散公式常数 Constants of Dispersion Formula

K_1	4.34311306E-01
L_1	-1.92252587E-03
K_2	1.10560033E+00
L_2	1.47271072E-02
K_3	9.88776159E-01
L_3	1.10411650E+02

折射率温度系数常数 Constants of dn/dt

D_0	3.24E-06
D_1	1.77E-08
D_2	-2.57E-11
E_0	5.34E-07
E_1	1.22E-10
λ_{TK}(μm)	0.194

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2698	$P'_{s,t}$	0.2673
$P_{C,s}$	0.5284	$P'_{C',s}$	0.5711
$P_{d,C}$	0.3026	$P'_{d,C'}$	0.2522
$P_{e,d}$	0.2383	$P'_{e,d}$	0.2361
$P_{g,F}$	0.5482	$P'_{g,F'}$	0.4863
$P_{i,h}$	0.7802	$P'_{i,h}$	0.7730

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	-0.0151	$\Delta P_{C,s}$	-0.0073
$\Delta P_{F,e}$	0.0003	$\Delta P_{g,F}$	-0.0010

着色度 Color Code

λ_{80}/λ_5	335/280
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	655
T_s (℃)	721
$T_{10}^{14.5}$ (℃)	602
T_{10}^{13} (℃)	640
$T_{10}^{7.6}$(℃)	798
$\alpha_{-30/70℃}$(10^{-7}/K)	68
$\alpha_{100/300℃}$(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	0.933	0.871
2200	0.960	0.922
2000	0.987	0.975
1800	0.993	0.987
1600	0.997	0.995
1400	0.995	0.991
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	0.998	0.997
650	0.998	0.997
600	0.998	0.997
550	0.998	0.996
500	0.998	0.996
480	0.998	0.996
460	0.998	0.996
440	0.998	0.996
420	0.998	0.996
400	0.998	0.996
390	0.997	0.994
380	0.996	0.993
370	0.993	0.987
360	0.989	0.978
350	0.981	0.962
340	0.962	0.925
330	0.932	0.868
320	0.873	0.762
310	0.773	0.598
300	0.622	0.387
290	0.415	0.172
280	0.197	0.039

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	3.0	3.5	3.7	3.8	4.2	4.6
-40～-20	3.0	3.5	3.7	3.8	4.2	4.6
-20～0	3.0	3.6	3.8	3.8	4.3	4.8
0～20	3.2	3.7	3.8	4.0	4.4	4.8
20～40	3.4	3.8	3.8	4.1	4.5	4.9
40～60	3.6	4.0	4.2	4.4	4.6	5.1
60～80	3.7	4.2	4.5	4.6	5.0	5.4
80～100	3.8	4.3	4.6	4.7	5.1	5.6
100～120	3.8	4.4	4.6	4.7	5.2	5.7
120～140	4.0	4.5	4.7	4.8	5.2	5.7

机械性质 Mechanical Properties

H_K (10^7Pa)	511
F_A	105
E (10^7Pa)	7598
G (10^7Pa)	3000
μ	0.266
B (10^{-12}/Pa)	2.27

其他性质 Other Properties

ρ (g/cm^3)	3.54

备注 Remarks

CDGM