H-ZK50	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	345/295
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	0.930	0.865
2200	0.957	0.915
2000	0.986	0.972
1800	0.992	0.985
1600	0.996	0.993
1400	0.994	0.989
1200	0.999	0.997
1060	0.999	0.997
1000	0.998	0.997
950	0.998	0.997
900	0.998	0.997
850	0.998	0.997
800	0.998	0.997
700	0.998	0.996
650	0.997	0.994
600	0.997	0.994
550	0.997	0.994
500	0.997	0.994
480	0.997	0.994
460	0.996	0.993
440	0.995	0.991
420	0.995	0.991
400	0.993	0.987
390	0.991	0.983
380	0.990	0.980
370	0.983	0.967
360	0.972	0.944
350	0.948	0.899
340	0.902	0.813
330	0.820	0.673
320	0.678	0.460
310	0.468	0.219
300	0.235	0.055
290	0.164	0.027
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	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