H-ZK10L	623569	n_d = 1.622800	υ_d = 56.91	$n_F - n_C$ = 0.010943
		n_e = 1.625408	υ_e = 56.64	$n_{F'} - n_{C'}$ = 0.011042

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.592776
$n_{1970.09}$	1970.09	1.598156
$n_{1529.58}$	1529.58	1.603901
$n_{1060.0}$	1060.0	1.609980
n_t	1013.98	1.610690
n_s	852.11	1.613674
n_r	706.52	1.617605
n_C	656.27	1.619485
$n_{C'}$	643.85	1.620012
n_{He-Ne}	632.8	1.620504
n_D	589.29	1.622703
n_d	587.56	1.622800
n_e	546.07	1.625408
n_F	486.13	1.630428
$n_{F'}$	479.99	1.631054
n_g	435.83	1.636421
n_h	404.66	1.641417
n_i	365.01	1.649982
$n_{313.18}$	313.18	1.667652
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	9.57266324E-01
L_1	1.00408853E+02
K_2	1.44528215E+00
L_2	8.04380200E-03
K_3	1.43179062E-01
L_3	3.04353080E-02

折射率温度系数常数 Constants of dn/dt

D_0	-7.67E-07
D_1	1.58E-08
D_2	-1.87E-11
E_0	4.79E-07
E_1	2.46E-10
λ_{TK}(μm)	0.200

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2727	$P'_{s,t}$	0.2702
$P_{C,s}$	0.5310	$P'_{C',s}$	0.5740
$P_{d,C}$	0.3029	$P'_{d,C'}$	0.2525
$P_{e,d}$	0.2383	$P'_{e,d}$	0.2362
$P_{g,F}$	0.5477	$P'_{g,F'}$	0.4861
$P_{i,h}$	0.7827	$P'_{i,h}$	0.7757

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	-0.0107	$\Delta P_{C,s}$	-0.0053
$\Delta P_{F,e}$	0.0001	$\Delta P_{g,F}$	-0.0011

着色度 Color Code

λ_{80}/λ_5	360/320
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	657
T_s (℃)	702
$T_{10}^{14.5}$ (℃)	600
T_{10}^{13} (℃)	637
$T_{10}^{7.6}$(℃)	763
$\alpha_{-30/70℃}$(10^{-7}/K)	65
$\alpha_{100/300℃}$(10^{-7}/K)	75
λ[W/(m·K)]	

化学性质 Chemical Properties

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

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.894	0.799
2200	0.943	0.890
2000	0.982	0.964
1800	0.991	0.982
1600	0.996	0.992
1400	0.994	0.988
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	0.997
700	0.998	0.996
650	0.998	0.996
600	0.998	0.996
550	0.998	0.996
500	0.998	0.996
480	0.997	0.995
460	0.997	0.994
440	0.995	0.991
420	0.995	0.990
400	0.994	0.988
390	0.990	0.980
380	0.986	0.972
370	0.975	0.950
360	0.951	0.905
350	0.898	0.807
340	0.782	0.612
330	0.546	0.298
320	0.217	0.047
310		
300		
290		
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	1.1	1.6	1.7	1.8	2.2	2.5
-40～-20	1.2	1.6	1.7	1.9	2.2	2.5
-20～0	1.2	1.6	1.8	1.9	2.2	2.6
0～20	1.3	1.7	1.9	2.0	2.3	2.7
20～40	1.4	1.8	2.1	2.2	2.5	2.9
40～60	1.4	1.9	2.1	2.3	2.6	3.1
60～80	1.7	2.1	2.2	2.4	2.8	3.2
80～100	1.9	2.2	2.3	2.5	3.0	3.4
100～120	2.0	2.4	2.5	2.7	3.1	3.5
120～140	2.1	2.5	2.7	2.9	3.3	3.6

机械性质 Mechanical Properties

H_K (10^7Pa)	598
F_A	134
E (10^7Pa)	8251
G (10^7Pa)	3247
μ	0.270
B (10^{-12}/Pa)	1.89

其他性质 Other Properties

ρ (g/cm^3)	3.63

备注 Remarks

CDGM