H-ZK10	622567	n_d = 1.622100	υ_d = 56.71	$n_F - n_C$ = 0.010970
		n_e = 1.624715	υ_e = 56.43	$n_{F'} - n_{C'}$ = 0.011070

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.592183
$n_{1970.09}$	1970.09	1.597524
$n_{1529.58}$	1529.58	1.603221
$n_{1060.0}$	1060.0	1.609265
n_t	1013.98	1.609973
n_s	852.11	1.612955
n_r	706.52	1.616892
n_C	656.27	1.618776
$n_{C'}$	643.85	1.619304
n_{He-Ne}	632.8	1.619798
n_D	589.29	1.622002
n_d	587.56	1.622100
n_e	546.07	1.624715
n_F	486.13	1.629746
$n_{F'}$	479.99	1.630374
n_g	435.83	1.635750
n_h	404.66	1.640752
n_i	365.01	1.649320
$n_{313.18}$	313.18	1.666980
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	1.48007727E+00
L_1	8.52142302E-03
K_2	8.74190019E-01
L_2	9.31901383E+01
K_3	1.05839500E-01
L_3	3.27272904E-02

折射率温度系数常数 Constants of dn/dt

D_0	-3.18E-09
D_1	2.08E-08
D_2	-7.24E-11
E_0	5.00E-07
E_1	-1.17E-10
λ_{TK}(μm)	0.212

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2718	$P'_{s,t}$	0.2694
$P_{C,s}$	0.5306	$P'_{C',s}$	0.5735
$P_{d,C}$	0.3030	$P'_{d,C'}$	0.2526
$P_{e,d}$	0.2384	$P'_{e,d}$	0.2362
$P_{g,F}$	0.5473	$P'_{g,F'}$	0.4856
$P_{i,h}$	0.7810	$P'_{i,h}$	0.7740

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	-0.0110	$\Delta P_{C,s}$	-0.0052
$\Delta P_{F,e}$	-0.0001	$\Delta P_{g,F}$	-0.0018

着色度 Color Code

λ_{80}/λ_5	365/320
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	657
T_s (℃)	702
$T_{10}^{14.5}$ (℃)	600
T_{10}^{13} (℃)	637
$T_{10}^{7.6}$(℃)	769
$\alpha_{-30/70℃}$(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	1
RC(S)	1
RA(S)	3

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.880	0.770
2200	0.930	0.865
2000	0.977	0.955
1800	0.989	0.978
1600	0.998	0.996
1400	0.998	0.997
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	0.996
600	0.998	0.996
550	0.998	0.996
500	0.997	0.995
480	0.996	0.993
460	0.996	0.992
440	0.995	0.991
420	0.995	0.990
400	0.991	0.983
390	0.986	0.973
380	0.979	0.958
370	0.962	0.925
360	0.923	0.852
350	0.850	0.720
340	0.680	0.460
330	0.390	0.150
320	0.090	0.010
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						
-40～-20	1.1	1.4	1.7	1.9	2.2	2.7
-20～0	1.5	1.8	2.4	2.5	2.7	2.9
0～20	1.6	1.9	2.2	2.3	2.8	3.2
20～40	2.1	2.3	2.5	2.6	3.0	3.5
40～60	2.2	2.3	2.5	2.8	3.1	3.6
60～80	2.2	2.4	2.7	2.9	3.3	3.6
80～100						
100～120						
120～140						

机械性质 Mechanical Properties

H_K (10^7Pa)	598
F_A	139
E (10^7Pa)	8251
G (10^7Pa)	3247
μ	0.270
B (10^{-12}/Pa)	1.94

其他性质 Other Properties

ρ (g/cm^3)	3.63

备注 Remarks

CDGM