H-ZK14	603606	n_d = 1.603110	υ_d = 60.60	$n_F - n_C$ = 0.009952
		n_e = 1.605484	υ_e = 60.35	$n_{F'} - n_{C'}$ = 0.010033

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.573151
$n_{1970.09}$	1970.09	1.578905
$n_{1529.58}$	1529.58	1.584961
$n_{1060.0}$	1060.0	1.591117
n_t	1013.98	1.591810
n_s	852.11	1.594669
n_r	706.52	1.598342
n_C	656.27	1.600075
$n_{C'}$	643.85	1.600559
n_{He-Ne}	632.8	1.601011
n_D	589.29	1.603021
n_d	587.56	1.603110
n_e	546.07	1.605484
n_F	486.13	1.610027
$n_{F'}$	479.99	1.610592
n_g	435.83	1.615415
n_h	404.66	1.619879
n_i	365.01	1.627472
$n_{313.18}$	313.18	1.642851
$n_{302.15}$	302.15	1.647394

色散公式常数 Constants of Dispersion Formula

K_1	8.21911395E-01
L_1	3.69659724E-03
K_2	9.95367381E-01
L_2	9.79765358E+01
K_3	7.08381156E-01
L_3	1.59409871E-02

折射率温度系数常数 Constants of dn/dt

D_0	3.66E-07
D_1	1.70E-08
D_2	-3.14E-11
E_0	3.59E-07
E_1	3.53E-10
λ_{TK}(μm)	0.219

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2873	$P'_{s,t}$	0.2850
$P_{C,s}$	0.5432	$P'_{C',s}$	0.5871
$P_{d,C}$	0.3050	$P'_{d,C'}$	0.2543
$P_{e,d}$	0.2385	$P'_{e,d}$	0.2366
$P_{g,F}$	0.5414	$P'_{g,F'}$	0.4807
$P_{i,h}$	0.7630	$P'_{i,h}$	0.7568

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	-0.0013	$\Delta P_{C,s}$	-0.0018
$\Delta P_{F,e}$	-0.0001	$\Delta P_{g,F}$	-0.0011

着色度 Color Code

λ_{80}/λ_5	345/290
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	647
T_s (℃)	687
$T_{10}^{14.5}$ (℃)	590
T_{10}^{13} (℃)	620
$T_{10}^{7.6}$(℃)	768
$\alpha_{-30/70℃}$(10^{-7}/K)	61
$\alpha_{100/300℃}$(10^{-7}/K)	75
λ[W/(m·K)]	

化学性质 Chemical Properties

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

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.800	0.640
2200	0.880	0.770
2000	0.968	0.937
1800	0.979	0.958
1600	0.990	0.980
1400	0.995	0.990
1200	0.997	0.995
1060	0.998	0.996
1000	0.998	0.996
950	0.998	0.996
900	0.998	0.996
850	0.998	0.997
800	0.998	0.997
700	0.998	0.997
650	0.998	0.997
600	0.998	0.997
550	0.999	0.998
500	0.998	0.997
480	0.998	0.996
460	0.997	0.995
440	0.997	0.994
420	0.997	0.994
400	0.995	0.991
390	0.992	0.985
380	0.988	0.976
370	0.980	0.961
360	0.965	0.931
350	0.933	0.870
340	0.880	0.780
330	0.800	0.640
320	0.670	0.450
310	0.500	0.250
300	0.300	0.090
290	0.140	0.020
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	1.5	1.9	2.0	2.1	2.3	2.6
-40～-20	1.5	1.9	2.0	2.1	2.3	2.6
-20～0	1.6	1.9	2.0	2.1	2.3	2.7
0～20	1.8	2.0	2.2	2.3	2.6	2.8
20～40	1.9	2.2	2.3	2.6	2.8	3.1
40～60	2.2	2.3	2.5	2.7	2.9	3.2
60～80	2.2	2.5	2.7	2.7	3.0	3.3
80～100	2.2	2.5	2.7	2.8	3.2	3.6
100～120	2.2	2.8	2.9	3.1	3.5	3.8
120～140	2.3	2.9	3.0	3.1	3.5	3.8

机械性质 Mechanical Properties

H_K (10^7Pa)	581
F_A	135
E (10^7Pa)	8460
G (10^7Pa)	3370
μ	0.257
B (10^{-12}/Pa)	1.87

其他性质 Other Properties

ρ (g/cm^3)	3.44

备注 Remarks

CDGM