H-ZK8	614551	n_d = 1.614050	υ_d = 55.12	$n_F - n_C$ = 0.011141
		n_e = 1.616704	υ_e = 54.82	$n_{F'} - n_{C'}$ = 0.011250

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.585534
$n_{1970.09}$	1970.09	1.590326
$n_{1529.58}$	1529.58	1.595539
$n_{1060.0}$	1060.0	1.601261
n_t	1013.98	1.601948
n_s	852.11	1.604874
n_r	706.52	1.608798
n_C	656.27	1.610692
$n_{C'}$	643.85	1.611224
n_{He-Ne}	632.8	1.611722
n_D	589.29	1.613951
n_d	587.56	1.614050
n_e	546.07	1.616704
n_F	486.13	1.621833
$n_{F'}$	479.99	1.622474
n_g	435.83	1.627981
n_h	404.66	1.633118
n_i	365.01	1.641935
$n_{313.18}$	313.18	1.660073
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	6.00949826E-01
L_1	5.19864453E-11
K_2	9.58288632E-01
L_2	1.67563008E-02
K_3	1.14059780E+00
L_3	1.33109431E+02

折射率温度系数常数 Constants of dn/dt

D_0	-4.06E-06
D_1	1.94E-08
D_2	-4.18E-11
E_0	5.96E-07
E_1	6.67E-11
λ_{TK}(μm)	0.184

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2626	$P'_{s,t}$	0.2601
$P_{C,s}$	0.5222	$P'_{C',s}$	0.5644
$P_{d,C}$	0.3014	$P'_{d,C'}$	0.2512
$P_{e,d}$	0.2382	$P'_{e,d}$	0.2359
$P_{g,F}$	0.5518	$P'_{g,F'}$	0.4895
$P_{i,h}$	0.7914	$P'_{i,h}$	0.7837

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	-0.0211	$\Delta P_{C,s}$	-0.0098
$\Delta P_{F,e}$	0.0008	$\Delta P_{g,F}$	0.0000

着色度 Color Code

λ_{80}/λ_5	360/320
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	577
T_s (℃)	623
$T_{10}^{14.5}$ (℃)	532
T_{10}^{13} (℃)	563
$T_{10}^{7.6}$(℃)	698
$\alpha_{-30/70℃}$(10^{-7}/K)	86
$\alpha_{100/300℃}$(10^{-7}/K)	98
λ[W/(m·K)]	

化学性质 Chemical Properties

	Grade
D_W	1
D_A	6
CR	4a
RC(S)	1
RA(S)	3

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.909	0.826
2200	0.946	0.894
2000	0.978	0.956
1800	0.990	0.980
1600	0.999	0.998
1400	0.999	0.998
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	0.998	0.997
700	0.998	0.997
650	0.998	0.996
600	0.998	0.996
550	0.998	0.996
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	0.994	0.988
390	0.991	0.983
380	0.987	0.974
370	0.979	0.958
360	0.959	0.919
350	0.919	0.845
340	0.830	0.690
330	0.640	0.410
320	0.320	0.100
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	-0.5	-0.2	0.1	0.2	0.4	0.9
-40～-20	-0.5	0.0	0.1	0.3	0.5	1.0
-20～0	-0.5	0.0	0.1	0.3	0.8	1.0
0～20	-0.5	0.0	0.2	0.4	1.0	1.2
20～40	-0.1	0.4	0.6	0.7	1.1	1.5
40～60	0.0	0.5	0.7	0.8	1.3	1.8
60～80	0.2	0.7	0.9	1.1	1.4	1.9
80～100	0.3	0.8	0.9	1.2	1.5	2.0
100～120	0.4	0.8	1.0	1.2	1.6	2.0
120～140	0.4	0.8	1.0	1.2	1.7	2.0

机械性质 Mechanical Properties

H_K (10^7Pa)	600
F_A	173
E (10^7Pa)	7888
G (10^7Pa)	3104
μ	0.271
B (10^{-12}/Pa)	1.91

其他性质 Other Properties

ρ (g/cm^3)	3.58

备注 Remarks

CDGM