D-K9GT	516641	n_d = 1.516330	υ_d = 64.06	$n_F - n_C$ = 0.008060
		n_e = 1.518254	υ_e = 63.86	$n_{F'} - n_{C'}$ = 0.008115

折射率 Refractive Index*

	λ（nm）	
$n_{2325.42}$	2325.42	1.488293
$n_{1970.09}$	1970.09	1.494167
$n_{1529.58}$	1529.58	1.500265
$n_{1060.0}$	1060.0	1.506155
n_t	1013.98	1.506784
n_s	852.11	1.509305
n_r	706.52	1.512413
n_C	656.27	1.513847
$n_{C'}$	643.85	1.514245
n_{He-Ne}	632.8	1.514616
n_D	589.29	1.516258
n_d	587.56	1.516330
n_e	546.07	1.518254
n_F	486.13	1.521907
$n_{F'}$	479.99	1.522360
n_g	435.83	1.526210
n_h	404.66	1.529756
n_i	365.01	1.535756
$n_{313.18}$	313.18	1.547811
$n_{302.15}$	302.15	1.551348

色散公式常数 Constants of Dispersion Formula

K_1	5.67853792E-01
L_1	2.38581579E-03
K_2	7.02269689E-01
L_2	1.35348332E-02
K_3	1.08102455E+00
L_3	1.07748228E+02

折射率温度系数常数 Constants of dn/dt

D_0	4.87E-06
D_1	1.55E-08
D_2	-1.35E-11
E_0	4.17E-07
E_1	5.20E-10
λ_{TK}(μm)	0.177

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.3128	$P'_{s,t}$	0.3107
$P_{C,s}$	0.5635	$P'_{C',s}$	0.6087
$P_{d,C}$	0.3081	$P'_{d,C'}$	0.2569
$P_{e,d}$	0.2387	$P'_{e,d}$	0.2371
$P_{g,F}$	0.5339	$P'_{g,F'}$	0.4744
$P_{i,h}$	0.7444	$P'_{i,h}$	0.7394

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0282	$\Delta P_{C,s}$	0.0103
$\Delta P_{F,e}$	-0.0015	$\Delta P_{g,F}$	-0.0027

着色度 Color Code

λ_{80}/λ_5	310/270
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	496
T_s (℃)	558
$T_{10}^{14.5}$ (℃)	451
T_{10}^{13} (℃)	483
$T_{10}^{7.6}$(℃)	637
$\alpha_{-30/70℃}$(10^{-7}/K)	63
$\alpha_{100/300℃}$(10^{-7}/K)	78
λ[W/(m·K)]	

化学性质 Chemical Properties

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

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.911	0.829
2200	0.940	0.884
2000	0.987	0.974
1800	0.993	0.987
1600	0.997	0.993
1400	0.988	0.977
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	0.999	0.998
650	0.999	0.998
600	0.999	0.998
550	0.999	0.998
500	0.999	0.998
480	0.999	0.998
460	0.999	0.998
440	0.999	0.998
420	0.999	0.998
400	0.999	0.998
390	0.998	0.996
380	0.996	0.992
370	0.995	0.990
360	0.993	0.986
350	0.990	0.981
340	0.987	0.975
330	0.980	0.961
320	0.964	0.930
310	0.931	0.866
300	0.859	0.738
290	0.717	0.514
280	0.483	0.233

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	3.7	4.0	4.1	4.2	4.4	4.6
-40～-20	3.5	3.8	3.9	4.0	4.2	4.5
-20～0	3.6	3.8	3.9	4.0	4.2	4.6
0～20	3.6	3.9	4.0	4.1	4.3	4.7
20～40	3.7	4.0	4.1	4.3	4.5	4.8
40～60	3.8	4.1	4.2	4.5	4.6	4.9
60～80	3.8	4.2	4.3	4.5	4.8	5.0
80～100	3.9	4.4	4.5	4.7	5.0	5.3
100～120	4.1	4.5	4.6	4.7	5.1	5.5
120～140	4.3	4.7	4.8	4.9	5.3	5.6

机械性质 Mechanical Properties

H_K (10^7Pa)	492
F_A	72
E (10^7Pa)	8318
G (10^7Pa)	3430
μ	0.212
B (10^{-12}/Pa)	2.72

其他性质 Other Properties

ρ (g/cm^3)	2.41

备注 Remarks

*:退火速率 anneal rate 4℃/h

CDGM