H-TK9	621603	n_d = 1.620750	υ_d = 60.30	$n_F - n_C$ = 0.010294
		n_e = 1.623201	υ_e = 59.92	$n_{F'} - n_{C'}$ = 0.010400

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.595822
$n_{1970.09}$	1970.09	1.599784
$n_{1529.58}$	1529.58	1.604145
$n_{1060.0}$	1060.0	1.609093
n_t	1013.98	1.609704
n_s	852.11	1.612335
n_r	706.52	1.615916
n_C	656.27	1.617655
$n_{C'}$	643.85	1.618145
n_{He-Ne}	632.8	1.618604
n_D	589.29	1.620659
n_d	587.56	1.620750
n_e	546.07	1.623201
n_F	486.13	1.627949
$n_{F'}$	479.99	1.628545
n_g	435.83	1.633660
n_h	404.66	1.638452
n_i	365.01	1.646737
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	1.48780165E+00
L_1	7.71068486E-03
K_2	8.95204948E-01
L_2	1.27354817E+02
K_3	9.57463553E-02
L_3	3.76688994E-02

折射率温度系数常数 Constants of dn/dt

D_0	-1.74E-05
D_1	6.65E-09
D_2	-1.55E-11
E_0	4.70E-07
E_1	1.18E-10
λ_{TK}(μm)	0.217

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2556	$P'_{s,t}$	0.2530
$P_{C,s}$	0.5168	$P'_{C',s}$	0.5587
$P_{d,C}$	0.3007	$P'_{d,C'}$	0.2505
$P_{e,d}$	0.2381	$P'_{e,d}$	0.2357
$P_{g,F}$	0.5548	$P'_{g,F'}$	0.4918
$P_{i,h}$	0.8048	$P'_{i,h}$	0.7966

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	-0.0580	$\Delta P_{C,s}$	-0.0275
$\Delta P_{F,e}$	0.0045	$\Delta P_{g,F}$	0.0118

着色度 Color Code

λ_{80}/λ_5	365/335
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	596
T_s (℃)	622
$T_{10}^{14.5}$ (℃)	539
T_{10}^{13} (℃)	567
$T_{10}^{7.6}$(℃)	661
$\alpha_{-30/70℃}$(10^{-7}/K)	111
$\alpha_{100/300℃}$(10^{-7}/K)	132
λ[W/(m·K)]	0.437
c_p[J/(g·K)]	0.409

化学性质 Chemical Properties

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

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.987	0.975
2200	0.992	0.984
2000	0.996	0.991
1800	0.998	0.996
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	0.999	0.998
700	0.999	0.998
650	0.999	0.998
600	0.998	0.996
550	0.998	0.996
500	0.997	0.994
480	0.997	0.995
460	0.997	0.994
440	0.996	0.993
420	0.996	0.992
400	0.992	0.985
390	0.987	0.975
380	0.977	0.954
370	0.953	0.908
360	0.892	0.796
350	0.740	0.548
340	0.435	0.189
330		
320		
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	-6.3	-6.2	-6.2	-5.9	-5.8	-5.3
-40～-20	-6.5	-6.3	-6.3	-6.1	-5.8	-5.4
-20～0	-6.7	-6.5	-6.4	-6.1	-5.9	-5.4
0～20	-6.8	-6.6	-6.4	-6.2	-6.0	-5.6
20～40	-6.9	-6.7	-6.5	-6.3	-6.1	-5.7
40～60	-7.0	-6.7	-6.5	-6.4	-6.1	-5.8
60～80	-7.0	-6.7	-6.5	-6.4	-6.1	-5.8
80～100	-7.1	-6.7	-6.6	-6.4	-6.1	-5.8
100～120	-7.1	-6.8	-6.6	-6.5	-6.2	-5.8
120～140	-7.1	-6.8	-6.7	-6.6	-6.2	-5.8

机械性质 Mechanical Properties

H_K (10^7Pa)	388
F_A	
E (10^7Pa)	7642
G (10^7Pa)	2942
μ	0.299
B (10^{-12}/Pa)	0.46

其他性质 Other Properties

ρ (g/cm^3)	4.37

备注 Remarks

CDGM