H-K9LA	517642	n_d = 1.516800	υ_d = 64.20	$n_F - n_C$ = 0.008050
		n_e = 1.518721	υ_e = 63.99	$n_{F'} - n_{C'}$ = 0.008106

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.489189
$n_{1970.09}$	1970.09	1.494918
$n_{1529.58}$	1529.58	1.500887
$n_{1060.0}$	1060.0	1.506684
n_t	1013.98	1.507306
n_s	852.11	1.509804
n_r	706.52	1.512894
n_C	656.27	1.514323
$n_{C'}$	643.85	1.514720
n_{He-Ne}	632.8	1.515090
n_D	589.29	1.516728
n_d	587.56	1.516800
n_e	546.07	1.518721
n_F	486.13	1.522373
$n_{F'}$	479.99	1.522826
n_g	435.83	1.526680
n_h	404.66	1.530234
n_i	365.01	1.536257
$n_{313.18}$	313.18	1.548393
$n_{302.15}$	302.15	1.551963

色散公式常数 Constants of Dispersion Formula

K_1	6.84743072E-01
L_1	3.13539741E-03
K_2	5.86772376E-01
L_2	1.48101330E-02
K_3	1.14804248E+00
L_3	1.16583792E+02

折射率温度系数常数 Constants of dn/dt

D_0	9.03E-07
D_1	1.85E-08
D_2	-2.98E-11
E_0	4.55E-07
E_1	1.00E-10
λ_{TK}(μm)	0.182

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.3103	$P'_{s,t}$	0.3082
$P_{C,s}$	0.5614	$P'_{C',s}$	0.6065
$P_{d,C}$	0.3077	$P'_{d,C'}$	0.2566
$P_{e,d}$	0.2386	$P'_{e,d}$	0.2370
$P_{g,F}$	0.5350	$P'_{g,F'}$	0.4755
$P_{i,h}$	0.7482	$P'_{i,h}$	0.7430

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0229	$\Delta P_{C,s}$	0.0078
$\Delta P_{F,e}$	-0.0010	$\Delta P_{g,F}$	-0.0013

着色度 Color Code

λ_{80}/λ_5	330/290
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	585
T_s (℃)	632
$T_{10}^{14.5}$ (℃)	522
T_{10}^{13} (℃)	565
$T_{10}^{7.6}$(℃)	733
$\alpha_{-30/70℃}$(10^{-7}/K)	72
$\alpha_{100/300℃}$(10^{-7}/K)	88
λ[W/(m·K)]	

化学性质 Chemical Properties

	Grade
D_W	3
D_A	1
CR	1
RC(S)	3
RA(S)	1

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.916	0.839
2200	0.940	0.884
2000	0.979	0.959
1800	0.990	0.981
1600	0.996	0.993
1400	0.991	0.983
1200	0.999	0.998
1060	0.999	0.998
1000	0.999	0.998
950	0.999	0.997
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	0.998	0.997
500	0.998	0.997
480	0.998	0.997
460	0.998	0.997
440	0.998	0.997
420	0.998	0.997
400	0.998	0.997
390	0.998	0.997
380	0.995	0.991
370	0.995	0.990
360	0.990	0.980
350	0.980	0.961
340	0.961	0.923
330	0.924	0.854
320	0.848	0.719
310	0.706	0.498
300	0.477	0.228
290	0.232	0.054
280		

机械性质 Mechanical Properties

H_K (10^7Pa)	537
F_A	95
E (10^7Pa)	8145
G (10^7Pa)	3369
μ	0.209
B (10^{-12}/Pa)	2.61

其他性质 Other Properties

ρ (g/cm^3)	2.51

备注 Remarks

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	1.9	2.1	2.4	2.4	2.6	2.7
-40～-20	1.7	2.1	2.2	2.3	2.5	2.8
-20～0	1.8	2.2	2.2	2.3	2.6	2.9
0～20	1.8	2.2	2.3	2.4	2.7	3.1
20～40	1.9	2.3	2.5	2.6	2.8	3.2
40～60	2.1	2.5	2.7	2.7	3.0	3.3
60～80	2.3	2.7	2.8	3.0	3.3	3.5
80～100	2.5	2.8	2.8	3.1	3.4	3.6
100～120	2.5	2.8	2.8	3.1	3.4	3.7
120～140	2.5	2.8	2.9	3.1	3.5	3.9

CDGM