H-K9LGT	517642	n_d = 1.516800	υ_d = 64.20	$n_F - n_C$ = 0.008050
		n_e = 1.518721	υ_e = 63.98	$n_{F'} - n_{C'}$ = 0.008107

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.489640
$n_{1970.09}$	1970.09	1.495235
$n_{1529.58}$	1529.58	1.501060
$n_{1060.0}$	1060.0	1.506743
n_t	1013.98	1.507356
n_s	852.11	1.509828
n_r	706.52	1.512901
n_C	656.27	1.514326
$n_{C'}$	643.85	1.514723
n_{He-Ne}	632.8	1.515092
n_D	589.29	1.516728
n_d	587.56	1.516800
n_e	546.07	1.518721
n_F	486.13	1.522376
$n_{F'}$	479.99	1.522830
n_g	435.83	1.526690
n_h	404.66	1.530251
n_i	365.01	1.536288
$n_{313.18}$	313.18	1.548455
$n_{302.15}$	302.15	1.552035

色散公式常数 Constants of Dispersion Formula

K_1	6.14555251E-01
L_1	1.45987884E-02
K_2	6.56775017E-01
L_2	2.87769588E-03
K_3	1.02699346E+00
L_3	1.07653051E+02

折射率温度系数常数 Constants of dn/dt

D_0	-1.04E-06
D_1	1.48E-08
D_2	-5.17E-11
E_0	3.85E-07
E_1	4.55E-10
λ_{TK}(μm)	0.211

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.3071	$P'_{s,t}$	0.3049
$P_{C,s}$	0.5588	$P'_{C',s}$	0.6038
$P_{d,C}$	0.3073	$P'_{d,C'}$	0.2562
$P_{e,d}$	0.2386	$P'_{e,d}$	0.2370
$P_{g,F}$	0.5359	$P'_{g,F'}$	0.4761
$P_{i,h}$	0.7499	$P'_{i,h}$	0.7447

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0171	$\Delta P_{C,s}$	0.0052
$\Delta P_{F,e}$	-0.0006	$\Delta P_{g,F}$	-0.0005

着色度 Color Code

λ_{80}/λ_5	310/275
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	560
T_s (℃)	620
$T_{10}^{14.5}$ (℃)	511
T_{10}^{13} (℃)	547
$T_{10}^{7.6}$(℃)	714
$\alpha_{-30/70℃}$(10^{-7}/K)	76
$\alpha_{100/300℃}$(10^{-7}/K)	95
λ[W/(m·K)]	

化学性质 Chemical Properties

	Grade
D_W	3
D_A	1
CR	2
RC(S)	1
RA(S)	1

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.851	0.725
2200	0.888	0.788
2000	0.954	0.911
1800	0.980	0.960
1600	0.994	0.988
1400	0.989	0.978
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	0.999	0.998
380	0.999	0.998
370	0.999	0.998
360	0.999	0.998
350	0.997	0.994
340	0.994	0.988
330	0.987	0.975
320	0.972	0.944
310	0.932	0.869
300	0.840	0.706
290	0.664	0.441
280	0.411	0.169

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	0.9	1.1	1.2	1.3	1.6	1.9
-40～-20	0.9	1.2	1.3	1.4	1.7	1.9
-20～0	1.0	1.3	1.4	1.4	1.8	1.9
0～20	1.0	1.4	1.5	1.5	1.8	2.0
20～40	1.2	1.5	1.6	1.7	1.9	2.2
40～60	1.3	1.6	1.6	1.8	2.1	2.3
60～80	1.3	1.6	1.7	1.8	2.1	2.3
80～100	1.1	1.4	1.5	1.7	2.1	2.3
100～120	1.1	1.4	1.5	1.7	2.1	2.4
120～140	1.1	1.6	1.8	1.9	2.2	2.7

机械性质 Mechanical Properties

H_K (10^7Pa)	595
F_A	100
E (10^7Pa)	7920
G (10^7Pa)	3270
μ	0.211
B (10^{-12}/Pa)	2.70

其他性质 Other Properties

ρ (g/cm^3)	2.52

备注 Remarks

CDGM