H-K1	500621	n_d = 1.499670	υ_d = 62.07	$n_F - n_C$ = 0.008050
		n_e = 1.501590	υ_e = 61.82	$n_{F'} - n_{C'}$ = 0.008114

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.474764
$n_{1970.09}$	1970.09	1.479629
$n_{1529.58}$	1529.58	1.484741
$n_{1060.0}$	1060.0	1.489886
n_t	1013.98	1.490459
n_s	852.11	1.492809
n_r	706.52	1.495804
n_C	656.27	1.497211
$n_{C'}$	643.85	1.497603
n_{He-Ne}	632.8	1.497970
n_D	589.29	1.499598
n_d	587.56	1.499670
n_e	546.07	1.501590
n_F	486.13	1.505261
$n_{F'}$	479.99	1.505717
n_g	435.83	1.509613
n_h	404.66	1.513218
n_i	365.01	1.519357
$n_{313.18}$	313.18	1.531833
$n_{302.15}$	302.15	1.535535

色散公式常数 Constants of Dispersion Formula

K_1	8.41282669E-01
L_1	1.03641667E+02
K_2	1.01521166E+00
L_2	6.23224915E-03
K_3	2.04021337E-01
L_3	2.20570420E-02

折射率温度系数常数 Constants of dn/dt

D_0	-4.14E-06
D_1	1.96E-08
D_2	-3.87E-11
E_0	5.49E-07
E_1	-2.63E-10
λ_{TK}(μm)	0.161

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2919	$P'_{s,t}$	0.2896
$P_{C,s}$	0.5468	$P'_{C',s}$	0.5908
$P_{d,C}$	0.3055	$P'_{d,C'}$	0.2547
$P_{e,d}$	0.2385	$P'_{e,d}$	0.2366
$P_{g,F}$	0.5406	$P'_{g,F'}$	0.4802
$P_{i,h}$	0.7626	$P'_{i,h}$	0.7566

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0000	$\Delta P_{C,s}$	-0.0017
$\Delta P_{F,e}$	0.0002	$\Delta P_{g,F}$	0.0006

着色度 Color Code

λ_{80}/λ_5	320/290
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	465
T_s (℃)	549
$T_{10}^{14.5}$ (℃)	420
T_{10}^{13} (℃)	463
$T_{10}^{7.6}$(℃)	668
$\alpha_{-30/70℃}$(10^{-7}/K)	87
$\alpha_{100/300℃}$(10^{-7}/K)	104
λ[W/(m·K)]	

化学性质 Chemical Properties

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

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.879	0.772
2200	0.917	0.841
2000	0.959	0.919
1800	0.983	0.966
1600	0.996	0.992
1400	0.998	0.996
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	0.996
700	0.998	0.996
650	0.998	0.996
600	0.998	0.996
550	0.998	0.997
500	0.998	0.997
480	0.999	0.998
460	0.999	0.998
440	0.998	0.997
420	0.998	0.997
400	0.999	0.998
390	0.999	0.998
380	0.998	0.997
370	0.998	0.996
360	0.997	0.994
350	0.993	0.987
340	0.985	0.971
330	0.965	0.932
320	0.912	0.832
310	0.780	0.609
300	0.506	0.256
290	0.182	0.033
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						
-40～-20	-0.3	0.0	0.1	0.2	0.5	0.9
-20～0	-0.3	0.0	0.1	0.4	0.7	1.0
0～20	-0.1	0.1	0.4	0.4	0.7	1.0
20～40	0.0	0.2	0.5	0.6	0.9	1.0
40～60	0.0	0.6	0.7	0.8	1.0	1.2
60～80	0.0	0.7	0.7	0.8	1.0	1.4
80～100						
100～120						
120～140						

机械性质 Mechanical Properties

H_K (10^7Pa)	440
F_A	91
E (10^7Pa)	6542
G (10^7Pa)	2682
μ	0.220
B (10^{-12}/Pa)	2.79

其他性质 Other Properties

ρ (g/cm^3)	2.47

备注 Remarks

CDGM