H-BaK1	530605	n_d = 1.530280	υ_d = 60.47	$n_F - n_C$ = 0.008770
		n_e = 1.532371	υ_e = 60.20	$n_{F'} - n_{C'}$ = 0.008843

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.504145
$n_{1970.09}$	1970.09	1.509121
$n_{1529.58}$	1529.58	1.514379
$n_{1060.0}$	1060.0	1.519748
n_t	1013.98	1.520354
n_s	852.11	1.522859
n_r	706.52	1.526085
n_C	656.27	1.527609
$n_{C'}$	643.85	1.528034
n_{He-Ne}	632.8	1.528432
n_D	589.29	1.530202
n_d	587.56	1.530280
n_e	546.07	1.532371
n_F	486.13	1.536379
$n_{F'}$	479.99	1.536877
n_g	435.83	1.541139
n_h	404.66	1.545088
n_i	365.01	1.551816
$n_{313.18}$	313.18	1.565481
$n_{302.15}$	302.15	1.569527

色散公式常数 Constants of Dispersion Formula

K_1	6.85984613E-01
L_1	1.54934494E-02
K_2	9.01677469E-01
L_2	1.06588731E+02
K_3	6.22429167E-01
L_3	2.22670016E-03

折射率温度系数常数 Constants of dn/dt

D_0	-8.49E-07
D_1	1.79E-08
D_2	-4.72E-11
E_0	4.45E-07
E_1	6.36E-10
λ_{TK}(μm)	0.203

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2856	$P'_{s,t}$	0.2833
$P_{C,s}$	0.5416	$P'_{C',s}$	0.5852
$P_{d,C}$	0.3046	$P'_{d,C'}$	0.2540
$P_{e,d}$	0.2384	$P'_{e,d}$	0.2365
$P_{g,F}$	0.5428	$P'_{g,F'}$	0.4820
$P_{i,h}$	0.7672	$P'_{i,h}$	0.7608

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	-0.0039	$\Delta P_{C,s}$	-0.0031
$\Delta P_{F,e}$	0.0003	$\Delta P_{g,F}$	0.0000

着色度 Color Code

λ_{80}/λ_5	320/285
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	564
T_s (℃)	645
$T_{10}^{14.5}$ (℃)	506
T_{10}^{13} (℃)	553
$T_{10}^{7.6}$(℃)	744
$\alpha_{-30/70℃}$(10^{-7}/K)	73
$\alpha_{100/300℃}$(10^{-7}/K)	90
λ[W/(m·K)]	

化学性质 Chemical Properties

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

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.893	0.798
2200	0.917	0.840
2000	0.964	0.928
1800	0.983	0.965
1600	0.995	0.990
1400	0.994	0.987
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	0.997
700	0.998	0.997
650	0.998	0.997
600	0.998	0.997
550	0.998	0.997
500	0.998	0.996
480	0.998	0.996
460	0.997	0.994
440	0.996	0.993
420	0.996	0.993
400	0.996	0.993
390	0.996	0.992
380	0.995	0.991
370	0.995	0.990
360	0.995	0.991
350	0.993	0.986
340	0.984	0.968
330	0.971	0.942
320	0.928	0.862
310	0.834	0.696
300	0.649	0.421
290	0.375	0.141
280	0.167	0.028

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	1.0	1.3	1.4	1.5	1.8	2.1
-40～-20	1.0	1.3	1.4	1.5	1.8	2.1
-20～0	1.0	1.3	1.4	1.5	1.8	2.1
0～20	1.0	1.4	1.5	1.5	1.8	2.1
20～40	1.5	1.7	1.8	2.0	2.3	2.7
40～60	1.5	1.8	1.9	2.1	2.4	2.7
60～80	1.5	1.8	1.9	2.2	2.5	2.7
80～100	1.5	1.9	2.1	2.2	2.6	2.8
100～120	1.5	2.1	2.2	2.4	2.7	3.0
120～140	1.5	2.1	2.2	2.4	2.8	3.2

机械性质 Mechanical Properties

H_K (10^7Pa)	486
F_A	85
E (10^7Pa)	7095
G (10^7Pa)	2900
μ	0.223
B (10^{-12}/Pa)	2.76

其他性质 Other Properties

ρ (g/cm^3)	2.74

备注 Remarks

CDGM