H-BaK2	540597	n_d = 1.539960	υ_d = 59.72	$n_F - n_C$ = 0.009041
		n_e = 1.542115	υ_e = 59.46	$n_{F'} - n_{C'}$ = 0.009118

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.513653
$n_{1970.09}$	1970.09	1.518558
$n_{1529.58}$	1529.58	1.523780
$n_{1060.0}$	1060.0	1.529177
n_t	1013.98	1.529792
n_s	852.11	1.532343
n_r	706.52	1.535645
n_C	656.27	1.537211
$n_{C'}$	643.85	1.537649
n_{He-Ne}	632.8	1.538058
n_D	589.29	1.539880
n_d	587.56	1.539960
n_e	546.07	1.542115
n_F	486.13	1.546252
$n_{F'}$	479.99	1.546767
n_g	435.83	1.551174
n_h	404.66	1.555264
n_i	365.01	1.562243
$n_{313.18}$	313.18	1.576463
$n_{302.15}$	302.15	1.580682

色散公式常数 Constants of Dispersion Formula

K_1	6.18389223E-01
L_1	1.74653825E-03
K_2	7.18400306E-01
L_2	1.58112967E-02
K_3	1.07451466E+00
L_3	1.26584788E+02

折射率温度系数常数 Constants of dn/dt

D_0	-1.82E-06
D_1	1.82E-08
D_2	-4.21E-11
E_0	4.70E-07
E_1	1.02E-10
λ_{TK}(μm)	0.209

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2822	$P'_{s,t}$	0.2798
$P_{C,s}$	0.5384	$P'_{C',s}$	0.5819
$P_{d,C}$	0.3041	$P'_{d,C'}$	0.2535
$P_{e,d}$	0.2384	$P'_{e,d}$	0.2363
$P_{g,F}$	0.5444	$P'_{g,F'}$	0.4833
$P_{i,h}$	0.7719	$P'_{i,h}$	0.7654

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	-0.0071	$\Delta P_{C,s}$	-0.0045
$\Delta P_{F,e}$	0.0005	$\Delta P_{g,F}$	0.0004

着色度 Color Code

λ_{80}/λ_5	320/280
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	555
T_s (℃)	627
$T_{10}^{14.5}$ (℃)	503
T_{10}^{13} (℃)	549
$T_{10}^{7.6}$(℃)	742
$\alpha_{-30/70℃}(10^{-7}/K)$	80
$\alpha_{100/300℃}(10^{-7}/K)$	94
λ[W/(m·K)]	0.747
c_p[J/(g·K)]	0.612

化学性质 Chemical Properties

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

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.929	0.862
2200	0.948	0.899
2000	0.977	0.955
1800	0.989	0.978
1600	0.997	0.994
1400	0.996	0.992
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	0.997
480	0.998	0.997
460	0.998	0.997
440	0.997	0.994
420	0.997	0.994
400	0.996	0.993
390	0.996	0.992
380	0.996	0.993
370	0.996	0.992
360	0.994	0.989
350	0.991	0.983
340	0.985	0.970
330	0.971	0.942
320	0.933	0.870
310	0.851	0.725
300	0.691	0.478
290	0.449	0.202
280	0.212	0.045

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	0.3	0.8	0.9	1.0	1.4	1.6
-40～-20	0.4	0.8	0.9	1.1	1.4	1.7
-20～0	0.6	0.9	1.0	1.3	1.5	1.9
0～20	0.9	1.2	1.4	1.5	1.8	2.1
20～40	1.0	1.3	1.5	1.6	1.9	2.1
40～60	1.0	1.3	1.5	1.6	2.0	2.3
60～80	1.1	1.3	1.6	1.7	2.0	2.3
80～100	1.2	1.4	1.7	1.8	2.1	2.5
100～120	1.3	1.6	1.8	1.9	2.2	2.7
120～140	1.3	1.8	1.9	2.0	2.3	2.9

机械性质 Mechanical Properties

H_K (10^7Pa)	540
F_A	87
E (10^7Pa)	6970
G (10^7Pa)	2820
μ	0.236
B (10^{-12}/Pa)	

其他性质 Other Properties

ρ (g/cm^3)	2.84

备注 Remarks

CDGM