D-FK61A	497816	n_d = 1.497000	υ_d = 81.61	$n_F - n_C$ = 0.006090
		n_e = 1.498454	υ_e = 81.21	$n_{F'} - n_{C'}$ = 0.006138

折射率 Refractive Index*

	λ（nm）	
$n_{2325.42}$	2325.42	1.479458
$n_{1970.09}$	1970.09	1.482653
$n_{1529.58}$	1529.58	1.486087
$n_{1060.0}$	1060.0	1.489691
n_t	1013.98	1.490106
n_s	852.11	1.491834
n_r	706.52	1.494077
n_C	656.27	1.495139
$n_{C'}$	643.85	1.495436
n_{He-Ne}	632.8	1.495713
n_D	589.29	1.496946
n_d	587.56	1.497000
n_e	546.07	1.498454
n_F	486.13	1.501229
$n_{F'}$	479.99	1.501574
n_g	435.83	1.504504
n_h	404.66	1.507202
n_i	365.01	1.511753
$n_{313.18}$	313.18	1.520829
$n_{302.15}$	302.15	1.523472

色散公式常数 Constants of Dispersion Formula

K_1	7.14812161E-01
L_1	1.08370689E-02
K_2	5.02984998E-01
L_2	1.32155859E-03
K_3	8.36119846E-01
L_3	1.53360674E+02

折射率温度系数常数 Constants of dn/dt

D_0	-1.94E-05
D_1	2.54E-09
D_2	-2.83E-11
E_0	3.05E-07
E_1	-9.31E-11
λ_{TK}(μm)	0.242

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2837	$P'_{s,t}$	0.2815
$P_{C,s}$	0.5427	$P'_{C',s}$	0.5868
$P_{d,C}$	0.3056	$P'_{d,C'}$	0.2548
$P_{e,d}$	0.2388	$P'_{e,d}$	0.2369
$P_{g,F}$	0.5378	$P'_{g,F'}$	0.4774
$P_{i,h}$	0.7473	$P'_{i,h}$	0.7414

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	-0.1044	$\Delta P_{C,s}$	-0.0520
$\Delta P_{F,e}$	0.0104	$\Delta P_{g,F}$	0.0310

着色度 Color Code

λ_{80}/λ_5	325/-
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	467
T_s (℃)	493
$T_{10}^{14.5}$ (℃)	430
T_{10}^{13} (℃)	459
$T_{10}^{7.6}$(℃)	538
$\alpha_{-30/70℃}$(10^{-7}/K)	126
$\alpha_{100/300℃}$(10^{-7}/K)	155
λ[W/(m·K)]	

化学性质 Chemical Properties

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

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.998	0.997
2200	0.999	0.998
2000	0.999	0.999
1800	0.999	0.999
1600	0.999	0.999
1400	0.999	0.999
1200	0.999	0.999
1060	0.999	0.999
1000	0.999	0.999
950	0.999	0.999
900	0.999	0.999
850	0.999	0.999
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	0.998	0.996
420	0.998	0.997
400	0.998	0.996
390	0.997	0.996
380	0.997	0.996
370	0.994	0.989
360	0.988	0.977
350	0.976	0.953
340	0.948	0.899
330	0.897	0.804
320	0.800	0.640
310	0.657	0.431
300	0.483	0.233
290	0.315	0.099
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	-5.7	-5.6	-5.4	-5.2	-5.2	-5.0
-40～-20	-5.9	-5.7	-5.7	-5.6	-5.5	-5.2
-20～0	-6.2	-6.1	-6.1	-6.0	-5.7	-5.4
0～20	-6.5	-6.3	-6.1	-6.2	-5.9	-5.7
20～40	-6.6	-6.5	-6.2	-6.2	-6.1	-5.9
40～60	-6.6	-6.5	-6.3	-6.3	-6.2	-6.0
60～80	-6.7	-6.6	-6.6	-6.5	-6.3	-6.1
80～100	-6.9	-6.8	-6.8	-6.7	-6.5	-6.3
100～120	-7.2	-7.1	-7.1	-6.9	-6.6	-6.5
120～140	-7.4	-7.2	-7.2	-7.0	-6.8	-6.6

机械性质 Mechanical Properties

H_K (10^7Pa)	360
F_A	308
E (10^7Pa)	7367
G (10^7Pa)	2840
μ	0.297
B (10^{-12}/Pa)	0.71

其他性质 Other Properties

ρ (g/cm^3)	3.68

备注 Remarks

*:退火速率 anneal rate 4℃/h

CDGM