H-FK61	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	1.479611
$n_{1970.09}$	1970.09	1.482755
$n_{1529.58}$	1529.58	1.486141
$n_{1060.0}$	1060.0	1.489709
n_t	1013.98	1.490121
n_s	852.11	1.491841
n_r	706.52	1.494079
n_C	656.27	1.495140
$n_{C'}$	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	1.501230
$n_{F'}$	479.99	1.501574
n_g	435.83	1.504506
n_h	404.66	1.507205
n_i	365.01	1.511760
$n_{313.18}$	313.18	1.520843
$n_{302.15}$	302.15	1.523488

色散公式常数 Constants of Dispersion Formula

K_1	5.02504076E-01
L_1	1.32743798E-03
K_2	7.15240076E-01
L_2	1.08378966E-02
K_3	8.36628986E-01
L_3	1.55933755E+02

折射率温度系数常数 Constants of dn/dt

D_0	-2.07E-05
D_1	-3.70E-10
D_2	-2.32E-11
E_0	3.49E-07
E_1	2.63E-10
λ_{TK}(μm)	0.180

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2824	$P'_{s,t}$	0.2802
$P_{C,s}$	0.5417	$P'_{C',s}$	0.5857
$P_{d,C}$	0.3054	$P'_{d,C'}$	0.2548
$P_{e,d}$	0.2388	$P'_{e,d}$	0.2369
$P_{g,F}$	0.5379	$P'_{g,F'}$	0.4777
$P_{i,h}$	0.7479	$P'_{i,h}$	0.7421

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	-0.1067	$\Delta P_{C,s}$	-0.0530
$\Delta P_{F,e}$	0.0106	$\Delta P_{g,F}$	0.0312

着色度 Color Code

λ_{80}/λ_5	325/-
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	461
T_s (℃)	486
$T_{10}^{14.5}$ (℃)	420
T_{10}^{13} (℃)	452
$T_{10}^{7.6}$(℃)	533
$\alpha_{-30/70℃}$(10^{-7}/K)	131
$\alpha_{100/300℃}$(10^{-7}/K)	157
λ[W/(m·K)]	0.578
c_p[J/(g·K)]	0.545

化学性质 Chemical Properties

	Grade
D_W	1
D_A	5
CR	1
RC(S)	1
RA(S)	3

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.999	0.999
2200	0.999	0.999
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	0.995
380	0.997	0.994
370	0.996	0.992
360	0.995	0.990
350	0.989	0.978
340	0.975	0.950
330	0.950	0.902
320	0.897	0.804
310	0.809	0.654
300	0.688	0.474
290	0.544	0.296
280	0.410	0.168

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	-6.0	-5.9	-5.8	-5.7	-5.5	-5.4
-40～-20	-6.4	-6.3	-6.3	-6.1	-5.9	-5.8
-20～0	-6.8	-6.6	-6.4	-6.4	-6.3	-6.2
0～20	-6.9	-6.7	-6.5	-6.6	-6.4	-6.3
20～40	-7.0	-6.9	-6.9	-6.7	-6.5	-6.4
40～60	-7.2	-7.1	-7.0	-6.9	-6.8	-6.5
60～80	-7.4	-7.3	-7.2	-7.1	-7.0	-6.8
80～100	-7.5	-7.4	-7.3	-7.3	-7.1	-6.8
100～120	-7.8	-7.5	-7.4	-7.4	-7.1	-7.0
120～140	-8.2	-7.9	-7.7	-7.7	-7.4	-7.3

机械性质 Mechanical Properties

H_K (10^7Pa)	372
F_A	343
E (10^7Pa)	7007
G (10^7Pa)	2694
μ	0.300
B (10^{-12}/Pa)	0.69

其他性质 Other Properties

ρ (g/cm^3)	3.70

备注 Remarks

CDGM