H-FK71	457903	n_d = 1.456500	υ_d = 90.27	$n_F - n_C$ = 0.005057
		n_e = 1.457708	υ_e = 89.85	$n_{F'} - n_{C'}$ = 0.005094

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.441501
$n_{1970.09}$	1970.09	1.444281
$n_{1529.58}$	1529.58	1.447265
$n_{1060.0}$	1060.0	1.450365
n_t	1013.98	1.450718
n_s	852.11	1.452180
n_r	706.52	1.454063
n_C	656.27	1.454950
$n_{C'}$	643.85	1.455198
n_{He-Ne}	632.8	1.455429
n_D	589.29	1.456455
n_d	587.56	1.456500
n_e	546.07	1.457708
n_F	486.13	1.460007
$n_{F'}$	479.99	1.460292
n_g	435.83	1.462712
n_h	404.66	1.464935
n_i	365.01	1.468677
$n_{313.18}$	313.18	1.476108
$n_{302.15}$	302.15	1.478266

色散公式常数 Constants of Dispersion Formula

K_1	2.22266610E-01
L_1	1.40651220E-02
K_2	8.80444178E-01
L_2	4.20457400E-03
K_3	7.97848915E-01
L_3	1.71029818E+02

折射率温度系数常数 Constants of dn/dt

D_0	-2.16E-05
D_1	-5.35E-09
D_2	-8.74E-12
E_0	3.15E-07
E_1	2.57E-10
λ_{TK}(μm)	0.172

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2891	$P'_{s,t}$	0.2870
$P_{C,s}$	0.5478	$P'_{C',s}$	0.5925
$P_{d,C}$	0.3065	$P'_{d,C'}$	0.2556
$P_{e,d}$	0.2389	$P'_{e,d}$	0.2371
$P_{g,F}$	0.5349	$P'_{g,F'}$	0.4751
$P_{i,h}$	0.7400	$P'_{i,h}$	0.7346

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	-0.1348	$\Delta P_{C,s}$	-0.0674
$\Delta P_{F,e}$	0.0141	$\Delta P_{g,F}$	0.0429

着色度 Color Code

λ_{80}/λ_5	320/-
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	443
T_s (℃)	468
$T_{10}^{14.5}$ (℃)	409
T_{10}^{13} (℃)	435
$T_{10}^{7.6}$(℃)	505
$\alpha_{-30/70℃}$(10^{-7}/K)	136
$\alpha_{100/300℃}$(10^{-7}/K)	167
λ[W/(m·K)]	

化学性质 Chemical Properties

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

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.996	0.992
2200	0.996	0.992
2000	0.997	0.995
1800	0.998	0.997
1600	0.998	0.996
1400	0.998	0.997
1200	0.997	0.995
1060	0.996	0.993
1000	0.996	0.992
950	0.996	0.992
900	0.996	0.992
850	0.996	0.992
800	0.997	0.995
700	0.997	0.995
650	0.997	0.995
600	0.998	0.997
550	0.999	0.999
500	0.999	0.999
480	0.999	0.998
460	0.999	0.998
440	0.997	0.995
420	0.997	0.995
400	0.999	0.998
390	0.998	0.997
380	0.998	0.997
370	0.997	0.995
360	0.993	0.986
350	0.983	0.967
340	0.962	0.925
330	0.917	0.841
320	0.834	0.695
310	0.699	0.488
300	0.516	0.266
290	0.324	0.105
280	0.176	0.031

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	-5.8	-5.5	-5.5	-5.4	-5.4	-5.2
-40～-20	-5.9	-5.9	-5.8	-5.7	-5.6	-5.4
-20～0	-6.3	-6.1	-6.1	-6.1	-6.0	-5.8
0～20	-6.6	-6.4	-6.3	-6.3	-6.2	-6.1
20～40	-6.9	-6.8	-6.6	-6.5	-6.4	-6.4
40～60	-7.1	-7.0	-6.9	-6.9	-6.7	-6.6
60～80	-7.3	-7.2	-7.2	-7.1	-6.9	-6.8
80～100	-7.6	-7.5	-7.4	-7.3	-7.2	-7.1
100～120	-7.7	-7.5	-7.5	-7.4	-7.3	-7.1
120～140	-7.9	-7.7	-7.6	-7.5	-7.4	-7.3

机械性质 Mechanical Properties

H_K (10^7Pa)	344
F_A	325
E (10^7Pa)	6960
G (10^7Pa)	2675
μ	0.301
B (10^{-12}/Pa)	0.61

其他性质 Other Properties

ρ (g/cm^3)	3.63

备注 Remarks

CDGM