H-F2	613370	n_d = 1.612930	υ_d = 37.00	$n_F - n_C$ = 0.016564
		n_e = 1.616851	υ_e = 36.73	$n_{F'} - n_{C'}$ = 0.016792

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.575129
$n_{1970.09}$	1970.09	1.581076
$n_{1529.58}$	1529.58	1.587596
$n_{1060.0}$	1060.0	1.594992
n_t	1013.98	1.595908
n_s	852.11	1.599882
n_r	706.52	1.605363
n_C	656.27	1.608062
$n_{C'}$	643.85	1.608827
n_{He-Ne}	632.8	1.609545
n_D	589.29	1.612785
n_d	587.56	1.612930
n_e	546.07	1.616851
n_F	486.13	1.624626
$n_{F'}$	479.99	1.625619
n_g	435.83	1.634344
n_h	404.66	1.642863
n_i	365.01	1.658572
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	1.40477521E+00
L_1	1.04153446E-02
K_2	1.17495845E+00
L_2	1.13688956E+02
K_3	1.30830575E-01
L_3	5.68962426E-02

折射率温度系数常数 Constants of dn/dt

D_0	5.89E-07
D_1	1.15E-08
D_2	-3.15E-11
E_0	6.95E-07
E_1	2.04E-09
λ_{TK}(μm)	0.271

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2399	$P'_{s,t}$	0.2367
$P_{C,s}$	0.4938	$P'_{C',s}$	0.5327
$P_{d,C}$	0.2939	$P'_{d,C'}$	0.2443
$P_{e,d}$	0.2367	$P'_{e,d}$	0.2335
$P_{g,F}$	0.5867	$P'_{g,F'}$	0.5196
$P_{i,h}$	0.9484	$P'_{i,h}$	0.9355

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0132	$\Delta P_{C,s}$	0.0046
$\Delta P_{F,e}$	0.0000	$\Delta P_{g,F}$	0.0040

着色度 Color Code

λ_{80}/λ_5	385/355
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	601
T_s (℃)	642
$T_{10}^{14.5}$ (℃)	542
T_{10}^{13} (℃)	579
$T_{10}^{7.6}$(℃)	717
$\alpha_{-30/70℃}$(10^{-7}/K)	78
$\alpha_{100/300℃}$(10^{-7}/K)	94
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	0.948	0.899
2200	0.959	0.920
2000	0.986	0.972
1800	0.992	0.985
1600	0.999	0.998
1400	0.997	0.994
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	0.998	0.997
800	0.998	0.997
700	0.998	0.995
650	0.997	0.994
600	0.997	0.994
550	0.996	0.993
500	0.994	0.987
480	0.992	0.984
460	0.990	0.981
440	0.988	0.976
420	0.983	0.965
400	0.963	0.927
390	0.931	0.866
380	0.850	0.730
370	0.660	0.430
360	0.270	0.070
350		
340		
330		
320		
310		
300		
290		
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						
-40～-20	2.1	2.5	2.6	2.7	3.6	4.2
-20～0	2.1	2.5	2.8	3.1	3.5	4.4
0～20	1.9	2.9	3.1	3.2	3.9	4.5
20～40	2.0	3.0	3.3	3.4	4.1	5.4
40～60	2.2	3.0	3.3	3.5	4.4	5.5
60～80	2.4	3.3	3.5	3.6	4.9	5.6
80～100						
100～120						
120～140						

机械性质 Mechanical Properties

H_K (10^7Pa)	563
F_A	105
E (10^7Pa)	8125
G (10^7Pa)	3337
μ	0.217
B (10^{-12}/Pa)	2.90

其他性质 Other Properties

ρ (g/cm^3)	2.65

备注 Remarks

CDGM