H-F3	617367	n_d = 1.616590	υ_d = 36.65	$n_F - n_C$ = 0.016823
		n_e = 1.620571	υ_e = 36.38	$n_{F'} - n_{C'}$ = 0.017058

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.579001
$n_{1970.09}$	1970.09	1.584748
$n_{1529.58}$	1529.58	1.591117
$n_{1060.0}$	1060.0	1.598459
n_t	1013.98	1.599378
n_s	852.11	1.603375
n_r	706.52	1.608917
n_C	656.27	1.611652
$n_{C'}$	643.85	1.612427
n_{He-Ne}	632.8	1.613155
n_D	589.29	1.616443
n_d	587.56	1.616590
n_e	546.07	1.620571
n_F	486.13	1.628475
$n_{F'}$	479.99	1.629485
n_g	435.83	1.638361
n_h	404.66	1.647032
n_i	365.01	1.663023
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	1.40512926E+00
L_1	1.03407899E-02
K_2	1.40987722E-01
L_2	5.61355281E-02
K_3	1.52292764E+00
L_3	1.49776911E+02

折射率温度系数常数 Constants of dn/dt

D_0	1.01E-07
D_1	1.60E-08
D_2	-4.83E-11
E_0	7.01E-07
E_1	7.11E-10
λ_{TK}(μm)	0.277

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2376	$P'_{s,t}$	0.2343
$P_{C,s}$	0.4920	$P'_{C',s}$	0.5307
$P_{d,C}$	0.2935	$P'_{d,C'}$	0.2440
$P_{e,d}$	0.2366	$P'_{e,d}$	0.2334
$P_{g,F}$	0.5876	$P'_{g,F'}$	0.5203
$P_{i,h}$	0.9505	$P'_{i,h}$	0.9374

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0107	$\Delta P_{C,s}$	0.0036
$\Delta P_{F,e}$	0.0003	$\Delta P_{g,F}$	0.0044

着色度 Color Code

λ_{80}/λ_5	385/355
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	610
T_s (℃)	640
$T_{10}^{14.5}$ (℃)	532
T_{10}^{13} (℃)	574
$T_{10}^{7.6}$(℃)	728
$\alpha_{-30/70℃}$(10^{-7}/K)	74
$\alpha_{100/300℃}$(10^{-7}/K)	95
λ[W/(m·K)]	

化学性质 Chemical Properties

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

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.934	0.873
2200	0.944	0.892
2000	0.978	0.957
1800	0.988	0.976
1600	0.996	0.992
1400	0.996	0.991
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	0.999	0.998
700	0.999	0.998
650	0.999	0.997
600	0.998	0.996
550	0.997	0.995
500	0.996	0.992
480	0.996	0.992
460	0.995	0.991
440	0.993	0.987
420	0.992	0.984
400	0.984	0.969
390	0.969	0.939
380	0.925	0.855
370	0.788	0.621
360	0.430	0.185
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	1.4	2.2	2.5	2.7	3.3	3.9
-40～-20	1.4	2.2	2.5	2.8	3.4	4.1
-20～0	1.5	2.3	2.6	2.8	3.4	4.4
0～20	1.9	2.6	2.8	3.1	3.9	4.6
20～40	2.1	2.7	3.1	3.4	4.1	5.1
40～60	2.1	2.8	3.1	3.4	4.2	5.1
60～80	2.1	2.8	3.1	3.5	4.2	5.1
80～100	2.1	2.8	3.1	3.5	4.3	5.5
100～120	2.1	3.0	3.3	3.6	4.6	5.6
120～140	2.2	3.1	3.6	3.8	4.7	5.9

机械性质 Mechanical Properties

H_K (10^7Pa)	604
F_A	121
E (10^7Pa)	7980
G (10^7Pa)	3245
μ	0.230
B (10^{-12}/Pa)	

其他性质 Other Properties

ρ (g/cm^3)	2.68

备注 Remarks

CDGM