H-F6	625356	n_d = 1.624950	υ_d = 35.59	$n_F - n_C$ = 0.017562
		n_e = 1.629105	υ_e = 35.32	$n_{F'} - n_{C'}$ = 0.017811

折射率 Refractive Index

	λ（nm）	
$n_{2325.42}$	2325.42	1.586330
$n_{1970.09}$	1970.09	1.592173
$n_{1529.58}$	1529.58	1.598634
$n_{1060.0}$	1060.0	1.606130
n_t	1013.98	1.607075
n_s	852.11	1.611204
n_r	706.52	1.616957
n_C	656.27	1.619803
$n_{C'}$	643.85	1.620611
n_{He-Ne}	632.8	1.621369
n_D	589.29	1.624797
n_d	587.56	1.624950
n_e	546.07	1.629105
n_F	486.13	1.637365
$n_{F'}$	479.99	1.638422
n_g	435.83	1.647723
n_h	404.66	1.656836
n_i	365.01	1.673740
$n_{313.18}$	313.18	
$n_{302.15}$	302.15	

色散公式常数 Constants of Dispersion Formula

K_1	1.44071636E+00
L_1	1.10480895E-02
K_2	1.28999184E-01
L_2	5.90811678E-02
K_3	1.16853639E+00
L_3	1.15021995E+02

折射率温度系数常数 Constants of dn/dt

D_0	-5.04E-07
D_1	1.61E-08
D_2	-6.01E-11
E_0	7.65E-07
E_1	8.16E-10
λ_{TK}(μm)	0.266

相对部分色散 Relative Partial Dispersions

$P_{s,t}$	0.2351	$P'_{s,t}$	0.2318
$P_{C,s}$	0.4896	$P'_{C',s}$	0.5282
$P_{d,C}$	0.2931	$P'_{d,C'}$	0.2436
$P_{e,d}$	0.2366	$P'_{e,d}$	0.2333
$P_{g,F}$	0.5898	$P'_{g,F'}$	0.5222
$P_{i,h}$	0.9625	$P'_{i,h}$	0.9491

异常色散 Abnormal Dispersions

$\Delta P_{C,t}$	0.0108	$\Delta P_{C,s}$	0.0037
$\Delta P_{F,e}$	0.0002	$\Delta P_{g,F}$	0.0047

着色度 Color Code

λ_{80}/λ_5	385/360
λ_{70}/λ_5	

热性质 Thermal Properties

T_g (℃)	609
T_s (℃)	638
$T_{10}^{14.5}$ (℃)	535
T_{10}^{13} (℃)	575
$T_{10}^{7.6}$(℃)	725
$\alpha_{-30/70℃}$(10^{-7}/K)	78
$\alpha_{100/300℃}$(10^{-7}/K)	96
λ[W/(m·K)]	

化学性质 Chemical Properties

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

内部透过率 Internal Transmittance τ

λ（nm）	τ (5mm)	τ (10mm)
2400	0.938	0.880
2200	0.949	0.900
2000	0.980	0.960
1800	0.988	0.977
1600	0.996	0.992
1400	0.996	0.992
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	0.998
600	0.997	0.995
550	0.997	0.995
500	0.996	0.992
480	0.995	0.991
460	0.995	0.990
440	0.994	0.988
420	0.991	0.983
400	0.981	0.963
390	0.963	0.927
380	0.906	0.821
370	0.738	0.544
360	0.344	0.118
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	1.2	1.7	2.1	2.4	3.0	3.8
-40～-20	1.3	1.8	2.2	2.5	3.1	4.0
-20～0	1.4	2.0	2.3	2.7	3.3	4.2
0～20	1.6	2.1	2.6	2.8	3.7	4.3
20～40	1.7	2.6	2.9	3.1	3.9	4.9
40～60	1.8	2.6	2.9	3.2	4.0	5.1
60～80	1.8	2.6	2.9	3.3	4.0	5.1
80～100	1.8	2.7	2.9	3.3	4.3	5.2
100～120	1.8	2.7	3.0	3.3	4.4	5.3
120～140	1.8	2.7	3.1	3.4	4.4	5.3

机械性质 Mechanical Properties

H_K (10^7Pa)	556
F_A	113
E (10^7Pa)	8013
G (10^7Pa)	3253
μ	0.232
B (10^{-12}/Pa)	2.99

其他性质 Other Properties

ρ (g/cm^3)	2.69

备注 Remarks

CDGM