H-F13 626357	n_d =1.62588	υ_d =35.70	$n_F - n_C$ =0.017532
	n_e =1.63003	υ_e =35.43	$n_{F'} - n_{C'}$ =0.017780

Refractive Indices		
	λ (nm)	
n_t	1014.0	1.60798
n_r	706.5	1.61790
n_c	656.3	1.62074
$n_{c'}$	643.8	1.62155
n_{He-Ne}	632.8	1.62231
n_D	589.3	1.62573
n_d	587.6	1.62588
n_e	546.1	1.63003
n_F	486.1	1.63828
$n_{F'}$	480.0	1.63933
n_g	435.8	1.64860
n_h	404.7	1.65769
n_i	365.0	1.67432

Constants of Dispersion Formula	
A_0	2.5701640
A_1	-9.2794803×10^{-3}
A_2	2.5625856×10^{-2}
A_3	-5.7248580×10^{-5}
A_4	1.2008657×10^{-4}
A_5	-1.7284484×10^{-6}

Deviation of Relative Partial Dispersions ΔP from the"Normal Line"	
$\Delta P_{F,e}$	0.0004
$\Delta P_{g,F}$	0.0039

Relative Partial Dispersions			
$P_{d,c}$	0.2933	$P'_{d,c'}$	0.2436
$P_{e,d}$	0.2367	$P'_{e,d}$	0.2334
$P_{g,F}$	0.5888	$P'_{g,F'}$	0.5215

Chemical Properties	
	Grade
RC(S)	1
RA(S)	1
D_W	1
D_A	1

Thermal Properties	
T_g (℃)	588
T_s (℃)	626
$T_{10^{14.5}}$ (℃)	536
$T_{10^{13}}$ (℃)	569
$T_{10^{7.6}}$(℃)	
$\alpha_{20/120℃}$(10^{-7}/K)	83
$\alpha_{100/300℃}$(10^{-7}/K)	99
λ (W/m・K)	

Mechanical Properties	
H_K (10^7Pa)	586
F_A	122
E (10^7Pa)	8354
G (10^7Pa)	3394
μ	0.231
B (10^{-12}/Pa)	2.83

Other Properties	
ρ (g/cm^3)	2.69

Internal Transmittance		
λ (nm)	τ 5 mm	τ 10 mm
2400	0.918	0.843
2200	0.938	0.879
2000	0.977	0.955
1800	0.988	0.976
1600	0.998	0.996
1400	0.999	0.998
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	0.996	0.993
650	0.995	0.991
600	0.996	0.992
550	0.996	0.992
500	0.993	0.986
480	0.991	0.983
460	0.989	0.979
440	0.987	0.974
420	0.982	0.965
400	0.961	0.924
390	0.928	0.861
380	0.84	0.71
370	0.63	0.40
360	0.24	0.06
350		
340		
330		
320		
310		
300		
290		
280		

Coloration Code	
λ_{80}/λ_5	39/36

Temperature Coefficients of Refractive Index

Rang of Temperature	dn/dt relative(10^{-6}/℃)					
	t	C′	d	e	F′	g
-40～-20	2.0	2.6	2.7	2.6	3.1	3.6
-20～0	1.3	2.1	2.4	2.7	3.4	4.3
0～20	1.1	1.9	2.2	2.8	3.5	4.4
20～40	1.1	2.1	2.5	3.0	3.9	4.8
40～60	1.3	3.0	3.7	3.3	4.5	5.2
60～80	2.0	2.8	3.3	3.5	4.0	5.3