H-F4	620364	n_d = 1.62005	υ_d = 36.35	$n_F - n_C$ = 0.017060
		n_e = 1.62408	υ_e = 36.09	$n_{F'} - n_{C'}$ = 0.017291

Refractive Indices		
	λ (nm)	
n_t	1014.0	1.60259
n_r	706.5	1.61227
n_C	656.3	1.61504
$n_{C'}$	643.8	1.61582
n_{He-Ne}	632.8	1.61656
n_D	589.3	1.61990
n_d	587.6	1.62005
n_e	546.1	1.62408
n_F	486.1	1.63210
$n_{F'}$	480.0	1.63312
n_g	435.8	1.64210
n_h	404.7	1.65089
n_i	365.0	

Constants of Dispersion Formula	
A_0	2.5621638
A_1	-1.3077536×10^{-2}
A_2	1.8108472×10^{-2}
A_3	2.3157306×10^{-3}
A_4	-2.6496140×10^{-4}
A_5	2.0745805×10^{-5}

Deviation of Relative Partial Dispersions ΔP from the"Normal Line"	
$\Delta P_{F,e}$	0.0000
$\Delta P_{g,F}$	0.0024

Relative Partial Dispersions			
$P_{d,C}$	0.2938	$P'_{d,C'}$	0.2443
$P_{e,d}$	0.2365	$P'_{e,d}$	0.2334
$P_{g,F}$	0.5862	$P'_{g,F'}$	0.5193

Chemical Properties	
	Grade
RC(S)	1
RA(S)	1
D_W	2
D_A	1

Thermal Properties	
T_g (℃)	584
T_s (℃)	630
$T_{10^{14.5}}$ (℃)	528
$T_{10^{13}}$ (℃)	562
$T_{10^{7.6}}$(℃)	
$\alpha_{20/120℃}$(10^{-7}/K)	79
$\alpha_{100/300℃}$(10^{-7}/K)	90
λ (W/m・K)	

Mechanical Properties	
H_K (10^7Pa)	607
F_A	128
E (10^7Pa)	8344
G (10^7Pa)	3393
μ	0.229
B (10^{-12}/Pa)	

Other Properties	
ρ (g/cm^3)	2.67

Internal Transmittance		
λ (nm)	τ 5 mm	τ 10 mm
2400	0.922	0.850
2200	0.936	0.876
2000	0.977	0.954
1800	0.986	0.973
1600	0.994	0.989
1400	0.992	0.985
1200	0.998	0.997
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	0.998	0.997
650	0.998	0.996
600	0.998	0.996
550	0.997	0.995
500	0.995	0.991
480	0.994	0.988
460	0.993	0.986
440	0.991	0.983
420	0.988	0.976
400	0.977	0.955
390	0.959	0.919
380	0.907	0.822
370	0.756	0.572
360	0.387	0.150
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	1.8	2.5	2.7	3.1	3.7	4.8
-20～0	1.8	2.6	2.7	2.9	3.4	4.6
0～20	1.7	2.4	2.7	2.7	3.4	4.5
20～40	1.9	2.4	2.7	2.9	4.0	4.6
40～60	1.8	2.4	2.7	2.9	4.0	4.7
60～80	1.9	2.7	2.9	3.4	4.0	5.3