H-BaF6 608462	n_d =1.60801	υ_d = 46.20	$n_F - n_C$ = 0.013160
	n_e =1.61114	υ_e = 45.92	$n_{F'} - n_{C'}$ = 0.013310

Refractive Indices		
	λ (nm)	
n_t	1014.0	1.59409
n_r	706.5	1.60190
n_c	656.3	1.60409
$n_{c'}$	643.8	1.60471
n_{He-Ne}	632.8	1.60529
n_D	589.3	1.60790
n_d	587.6	1.60801
n_e	546.1	1.61114
n_F	486.1	1.61725
$n_{F'}$	480.0	1.61802
n_g	435.8	1.62470
n_h	404.7	1.63106
n_i	365.0	1.64238

Constants of Dispersion Formula	
A_0	2.5324222
A_1	-9.1374479×10^{-3}
A_2	1.8161344×10^{-2}
A_3	4.6488999×10^{-4}
A_4	-9.7702362×10^{-6}
A_5	2.4656267×10^{-6}

Deviation of Relative Partial Dispersions ΔP from the"Normal Line"	
$\Delta P_{F,e}$	-0.0001
$\Delta Pg_{,F}$	-0.0009

Relative Partial Dispersions			
$P_{d,c}$	0.2979	$P'_{d,c'}$	0.2479
$P_{e,d}$	0.2378	$P'_{e,d}$	0.2352
$P_{g,F}$	0.5661	$P'_{g,F'}$	0.5019

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

Thermal Properties	
T_g (℃)	597
T_s (℃)	649
$T_{10}^{14.5}$ (℃)	538
T_{10}^{13} (℃)	576
$T_{10}^{7.6}$(℃)	726
$\alpha_{20/120℃}$(10^{-7}/K)	83
$\alpha_{100/300℃}$(10^{-7}/K)	94
λ (W/m・K)	

Mechanical Properties	
H_K (10^7Pa)	538
F_A	146
E (10^7Pa)	7765
G (10^7Pa)	3105
μ	0.250
B (10^{-12}/Pa)	2.30

Other Properties	
ρ (g/cm^3)	3.11

Internal Transmittance		
λ (nm)	τ 5 mm	τ 10 mm
2400	0.909	0.825
2200	0.936	0.877
2000	0.973	0.947
1800	0.986	0.972
1600	0.995	0.991
1400	0.994	0.989
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	0.997	0.995
700	0.996	0.992
650	0.996	0.992
600	0.996	0.993
550	0.996	0.993
500	0.996	0.992
480	0.995	0.991
460	0.995	0.991
440	0.993	0.987
420	0.992	0.984
400	0.985	0.970
390	0.974	0.949
380	0.952	0.906
370	0.897	0.804
360	0.748	0.559
350	0.412	0.170
340	0.176	0.031
330		
320		
310		
300		
290		
280		

Coloration Code	
λ_{80}/λ_5	38/35

Temperature Coefficients of Refractive Index

Rang of Temperature	dn/dt relative(10^{-6}/℃)					
	t	C′	d	e	F′	g
-40～-20	-0.6	-0.2	-0.2	0.0	0.4	1.2
-20～0	0.2	0.7	1.0	1.1	1.6	2.0
0～20	0.3	0.7	1.1	1.1	1.6	2.0
20～40	0.3	0.7	1.1	1.1	1.7	2.1
40～60	0.3	0.9	1.1	1.5	1.8	2.6
60～80	0.4	1.2	1.2	1.5	2.0	2.7

CDGM