H-ZLaF51	805396	n_d =1.80450	υ_d =39.64	$n_F - n_C$ =0.020298
		n_e =1.80932	υ_e =39.39	$n_{F'} - n_{c'}$ =0.020549

Refractive Indices		
	λ（nm）	
n_t	1014.0	1.78343
n_r	706.5	1.79514
n_c	656.3	1.79849
$n_{c'}$	643.8	1.79943
n_{He-Ne}	632.8	1.80032
n_D	589.3	1.80433
n_d	587.6	1.80450
n_e	546.1	1.80932
n_F	486.1	1.81879
$n_{F'}$	480.0	1.81998
n_g	435.8	1.83042
n_h	404.7	1.84039
n_i	365.0	1.85819

Constants of Dispersion Formula	
A_0	3.1616394
A_1	-1.2726242×10^{-2}
A_2	3.2548221×10^{-2}
A_3	3.7383696×10^{-4}
A_4	6.4608582×10^{-5}
A_5	7.2817771×10^{-8}

Deviation of Relative Partial Dispersions ΔP from the“Normal Line”	
$\Delta P_{F,e}$	-0.0014
$\Delta Pg_{,F}$	-0.0052

Relative Partial Dispersions			
$P_{d,c}$	0.2964	$P'_{d,c'}$	0.2467
$P_{e,d}$	0.2375	$P'_{e,d}$	0.2346
$P_{g,F}$	0.5730	$P'_{g,F'}$	0.5081

Chemical Properties	
	Grade
RC(S)	1
RA(S)	3
D_W	1
D_A	3

Thermal Properties	
T_g （℃）	601
T_s （℃）	631
$T_{10}^{14.5}$ （℃）	561
T_{10}^{13} （℃）	587
$T_{10}^{7.6}$（℃）	680
$\alpha_{20/120℃}$(10^{-7}/K)	57
$\alpha_{100/300℃}$(10^{-7}/K)	68
λ (W/m • K)	

Mechanical Properties	
H_K (10^7Pa)	664
F_A	101
E (10^7Pa)	11142
G (10^7Pa)	4263
μ	0.307
B (10^{-12}/Pa)	2.23

Other Properties	
ρ (g/cm^3)	4.41

Temperature Coefficients of Refractive Index						
Rang of Temperature	dn/dt relative(10^{-6}/℃)					
	t	C′	d	e	F′	g
-40～-20	6.3	7.4	7.6	8.2	8.6	9.2
-20～0	7.1	7.9	8.1	8.3	9.2	10.2
0～20	7.3	8.1	8.6	8.8	9.8	10.7
20～40	7.3	8.2	8.6	9.0	9.9	10.8
40～60	7.6	8.4	8.8	9.1	10.1	11.4
60～80	7.8	8.7	9.2	10.3	10.7	11.7

Internal Transmittance		
λ （nm）	τ 5 mm	τ 10 mm
2400	0.858	0.737
2200	0.960	0.922
2000	0.985	0.970
1800	0.995	0.990
1600	0.998	0.996
1400	0.998	0.997
1200	0.999	0.999
1060	0.999	0.999
1000	0.999	0.999
950	0.999	0.999
900	0.999	0.999
850	0.999	0.999
800	0.998	0.997
700	0.998	0.997
650	0.998	0.997
600	0.998	0.997
550	0.998	0.997
500	0.998	0.997
480	0.996	0.993
460	0.996	0.993
440	0.991	0.982
420	0.985	0.970
400	0.971	0.943
390	0.960	0.910
380	0.930	0.860
370	0.860	0.750
360	0.730	0.530
350	0.450	0.200
340	0.140	0.020
330		
320		
310		
300		
290		
280		

Coloration Code	
λ_{80}/λ_5	41/35

CDGM