D-LaF050	768493	n_d =1.76842	υ_d =49.28	n_F - n_C =0.015592
		n_e =1.77213	υ_e =49.06	$n_{F'}$- $n_{c'}$ =0.015740

Refractive Indices		
	λ （nm）	
n_t	1014.0	1.75138
n_r	706.5	1.76106
n_c	656.3	1.76372
$n_{c'}$	643.8	1.76447
n_{He-Ne}	632.8	1.76516
n_D	589.3	1.76828
n_d	587.6	1.76842
n_e	546.1	1.77213
n_F	486.1	1.77931
$n_{F'}$	480.0	1.78021
n_g	435.8	1.78790
n_h	404.7	1.79510
n_i	365.0	1.80750

Constants of Dispersion Formula	
A_0	3.0588612
A_1	$-1.4713037 \times 10^{-2}$
A_2	2.3619508×10^{-2}
A_3	6.7085861×10^{-4}
A_4	$-2.7601350 \times 10^{-5}$
A_5	2.1299817×10^{-6}

Deviation of Relative Partial Dispersions Δ P from the“Normal Line	
$\Delta P_{F,e}$	-0.0022
$\Delta Pg_{,F}$	-0.0109

Relative Partial Dispersions			
$P_{d,c}$	0.3014	$P'_{d,c'}$	0.2510
$P_{e,d}$	0.2379	$P'_{e,d}$	0.2357
$P_{g,F}$	0.5509	$P'_{g,F'}$	0.4886

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

Thermal Properties	
T_g （℃）	610
T_s （℃）	644
$T_{10}^{14.5}$ （℃）	507
T_{10}^{13} （℃）	540
$T_{10}^{7.6}$（℃）	692
$\alpha_{20/120℃}$(10^{-7}/K)	62
$\alpha_{100/300℃}$(10^{-7}/K)	74
λ (W/m • K)	

Mechanical Properties	
HK	756
F_A	104
E (10^7Pa)	12276
G (10^7Pa)	4751
μ	0.292
B (10^{-12}/Pa)	

Other Properties	
ρ (g/cm^3)	4.51

Temperature Coefficients of Refractive Index						
Rang of Temperature(℃)	dn/dt rel(10^{-6}/℃)					
	t	C′	d	e	F′	g
-40～-20	4.1	4.7	5.0	5.2	5.5	6.1
-20～0	4.2	4.8	5.2	5.9	6.2	6.6
0～20	4.4	5.1	5.3	5.8	6.3	6.5
20～40	4.4	5.1	5.3	5.9	6.3	6.5
40～60	4.5	5.3	5.5	5.9	6.1	7.1
60～80	5.0	5.5	5.7	6.1	6.5	7.5

Internal Transmittance		
λ （nm）	τ 5 mm	τ 10 mm
2400	0.83	0.68
2200	0.954	0.911
2000	0.983	0.966
1800	0.995	0.991
1600	0.999	0.998
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	0.998	0.997
700	0.998	0.997
650	0.998	0.996
600	0.998	0.996
550	0.998	0.996
500	0.996	0.993
480	0.995	0.990
460	0.993	0.987
440	0.992	0.984
420	0.989	0.979
400	0.984	0.969
390	0.979	0.959
380	0.971	0.942
370	0.954	0.911
360	0.927	0.86
350	0.89	0.79
340	0.83	0.69
330	0.75	0.56
320	0.65	0.42
310	0.48	0.23
300	0.40	0.16
290	0.26	0.07
280		

Coloration Code	
λ_{80} / λ_5	38/29

CDGM