H-QF1 548458	n_d =1.54814	υ_d =45.82	$n_F - n_C$ =0.011963
	n_e =1.55098	υ_e =45.52	$n_{F'} - n_{c'}$ =0.012104

Refractive Indices		
	λ（nm）	
n_t	1014.0	1.53538
n_r	706.5	1.54258
n_c	656.3	1.54458
$n_{c'}$	643.8	1.54514
n_{He-Ne}	632.8	1.54567
n_D	589.3	1.54803
n_d	587.6	1.54814
n_e	546.1	1.55098
n_F	486.1	1.55654
$n_{F'}$	480.0	1.55724
n_g	435.8	1.56334
n_h	404.7	1.56915
n_i	365.0	1.57955

Constants of Dispersion Formula	
A_0	2.3520977
A_1	-9.5308857×10^{-3}
A_2	1.4948090×10^{-2}
A_3	6.1397180×10^{-4}
A_4	-3.0748142×10^{-5}
A_5	3.2636314×10^{-6}

Deviation of Relative Partial Dispersions ΔP from the“Normal Line”	
$\Delta P_{F,e}$	0.0002
$\Delta Pg_{,F}$	0.0008

Relative Partial Dispersions			
$P_{d,c}$	0.2976	$P'_{d,c'}$	0.2479
$P_{e,d}$	0.2374	$P'_{e,d}$	0.2346
$P_{g,F}$	0.5684	$P'_{g,F'}$	0.5040

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

Thermal Properties	
T_g （℃）	486
T_s （℃）	545
$T_{10}^{14.5}$ （℃）	424
T_{10}^{13} （℃）	472
$T_{10}^{7.6}$（℃）	632
$\alpha_{20/120℃}$(10^{-7}/K)	95
$\alpha_{100/300℃}$(10^{-7}/K)	104
λ (W/m・K)	

Mechanical Properties	
H_K (10^7Pa)	582
F_A	92
E (10^7Pa)	6782
G (10^7Pa)	2766
μ	0.266
B (10^{-12}/Pa)	2.63

Other Properties	
ρ (g/cm^3)	2.55

Temperature Coefficients of Refractive Index						
Rang of Temperature	dn/dt relative(10^{-6}/℃)					
	t	C′	d	e	F′	g
-40～-20	-0.2	0.3	0.6	0.7	1.2	1.6
-20～0	0.2	0.7	1.0	1.2	1.6	2.2
0～20	0.5	1.0	1.1	1.5	1.8	2.3
20～40	0.5	1.1	1.2	1.5	2.1	2.6
40～60	0.6	1.1	1.2	1.6	2.1	2.7
60～80	0.6	1.1	1.4	1.6	2.1	2.7

Internal Transmittance		
λ （nm）	τ 5 mm	τ 10 mm
2400	0.883	0.780
2200	0.913	0.833
2000	0.957	0.916
1800	0.981	0.962
1600	0.995	0.990
1400	0.997	0.995
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	0.996
700	0.997	0.995
650	0.997	0.994
600	0.997	0.994
550	0.996	0.993
500	0.996	0.993
480	0.996	0.992
460	0.995	0.991
440	0.995	0.991
420	0.995	0.991
400	0.992	0.985
390	0.987	0.975
380	0.977	0.955
370	0.950	0.902
360	0.870	0.757
350	0.624	0.389
340	0.187	0.035
330		
320		
310		
300		
290		
280		

Coloration Code	
λ_{80}/λ_5	37/34

CDGM