H-QF50	581409	n_d =1.58144	υ_d =40.89	$n_F - n_C$ =0.014220
		n_e =1.58481	υ_e =40.61	$n_{F'} - n_{C'}$ =0.014400

Refractive Indices		
	λ (nm)	
n_t	1014.0	1.56657
n_r	706.5	1.57488
n_c	656.3	1.57722
$n_{c'}$	643.8	1.57789
n_{He-Ne}	632.8	1.57852
n_D	589.3	1.58132
n_d	587.6	1.58144
n_e	546.1	1.58481
n_F	486.1	1.59145
$n_{F'}$	480.0	1.59228
n_g	435.8	1.59962
n_h	404.7	1.60671
n_i	365.0	1.61953

Constants of Dispersion Formula	
A_0	2.4428684
A_1	-8.4138187×10^{-3}
A_2	2.0344127×10^{-2}
A_3	9.7583889×10^{-5}
A_4	4.9870250×10^{-5}
A_5	5.7917925×10^{-7}

Deviation of Relative Partial Dispersions ΔP from the"Normal Line"	
$\Delta P_{F,e}$	-0.0004
$\Delta P_{g,F}$	-0.0016

Relative Partial Dispersions			
$P_{d,c}$	0.2959	$P'_{d,c'}$	0.2462
$P_{e,d}$	0.2372	$P'_{e,d}$	0.2342
$P_{g,F}$	0.5745	$P'_{g,F'}$	0.5097

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

Thermal Properties	
T_g (℃)	573
T_s (℃)	626
$T_{10^{14.5}}$ (℃)	511
$T_{10^{13}}$ (℃)	551
$T_{10^{7.6}}$(℃)	720
$\alpha_{20/120℃}$(10^{-7}/K)	83
$\alpha_{100/300℃}$(10^{-7}/K)	99
λ (W/m・K)	

Mechanical Properties	
H_K (10^7Pa)	482
F_A	91
E (10^7Pa)	7673
G (10^7Pa)	3132
μ	0.255
B (10^{-12}/Pa)	

Other Properties	
ρ (g/cm^3)	2.60

Internal Transmittance		
λ (nm)	τ 5 mm	τ 10 mm
2400	0.920	0.846
2200	0.935	0.874
2000	0.972	0.944
1800	0.987	0.974
1600	0.996	0.992
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	0.999	0.998
700	0.998	0.997
650	0.997	0.995
600	0.997	0.994
550	0.997	0.994
500	0.994	0.989
480	0.993	0.986
460	0.991	0.983
440	0.990	0.980
420	0.987	0.974
400	0.975	0.950
390	0.954	0.911
380	0.908	0.63
370	0.79	0.26
360	0.51	0.02
350	0.14	
340		
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	2.5	2.9	3.0	3.4	3.8	4.3
-20～0	2.2	2.6	2.7	3.1	3.5	4.1
0～20	2.1	2.5	2.6	2.7	3.5	3.9
20～40	1.8	2.5	2.7	2.9	3.5	4.3
40～60	1.8	2.5	2.7	2.9	3.6	4.4
60～80	1.6	2.5	2.9	3.1	3.7	5.0