H-ZK11	639555	n_d =1.63854	υ_d = 55.45	$n_F - n_C$ =0.011516
		n_e =1.64129	υ_e = 55.18	$n_{F'} - n_{C'}$ =0.011621

Refractive Indices		
	λ (nm)	
n_t	1014.0	1.62582
n_r	706.5	1.63309
n_c	656.3	1.63505
$n_{c'}$	643.8	1.63561
n_{He-Ne}	632.8	1.63613
n_D	589.3	1.63844
n_d	587.6	1.63854
n_e	546.1	1.64129
n_F	486.1	1.64657
$n_{F'}$	480.0	1.64723
n_g	435.8	1.65290
n_h	404.7	1.65819
n_i	365.0	1.66735

Constants of Dispersion Formula	
A_0	2.6370236
A_1	-1.0212072×10^{-2}
A_2	1.7024722×10^{-2}
A_3	2.1432422×10^{-4}
A_4	7.4387689×10^{-6}
A_5	4.3580605×10^{-7}

Deviation of Relative Partial Dispersions ΔP from the"Normal Line"	
$\Delta P_{F,e}$	-0.0007
$\Delta Pg_{,F}$	-0.0016

Relative Partial Dispersions			
$P_{d,c}$	0.3030	$P'_{d,c'}$	0.2525
$P_{e,d}$	0.2384	$P'_{e,d}$	0.2362
$P_{g,F}$	0.5497	$P'_{g,F'}$	0.4879

Chemical Properties	
	Grade
RC(S)	1
RA(S)	3
D_W	2
D_A	4

Thermal Properties	
T_g (℃)	655
T_s (℃)	697
$T_{10^{14.5}}$ (℃)	601
$T_{10^{13}}$ (℃)	636
$T_{10^{7.6}}$(℃)	758
$\alpha_{20/120℃}$(10^{-7}/K)	71
$\alpha_{100/300℃}$(10^{-7}/K)	82
λ (W/m・K)	

Mechanical Properties	
H_K (10^7Pa)	512
F_A	165
E (10^7Pa)	8711
G (10^7Pa)	3423
μ	0.272
B (10^{-12}/Pa)	

Other Properties	
ρ (g/cm^3)	3.69

Internal Transmittance		
λ (nm)	τ 5 mm	τ 10 mm
2400	0.88	0.78
2200	0.945	0.893
2000	0.981	0.962
1800	0.991	0.982
1600	0.997	0.994
1400	0.998	0.997
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	0.999	0.998
650	0.999	0.998
600	0.999	0.998
550	0.999	0.998
500	0.997	0.995
480	0.996	0.993
460	0.994	0.989
440	0.993	0.986
420	0.991	0.983
400	0.983	0.967
390	0.974	0.948
380	0.952	0.907
370	0.911	0.83
360	0.82	0.68
350	0.66	0.43
340	0.37	0.14
330	0.08	0.01
320		
310		
300		
290		
280		

Coloration Code	
λ_{80}/λ_5	38/33

Temperature Coefficients of Refractive Index						
Rang of Temperature	dn/dt relative(10^{-6}/℃)					
	t	C′	d	e	F′	g
-40～-20	0.4	0.9	1.1	1.2	1.5	1.8
-20～0	0.8	1.3	1.5	1.6	1.8	2.2
0～20	0.9	1.3	1.4	1.5	1.8	2.2
20～40	0.9	1.3	1.5	1.5	1.8	2.4
40～60	1.0	1.4	1.5	1.6	2.0	2.7
60～80	1.1	1.4	1.6	1.7	2.4	2.9