H-ZPK1 618634	n_d =1.61800	υ_d = 63.39	$n_F - n_C$ = 0.009748
	n_e =1.62032	υ_e = 63.11	$n_{F'} - n_{C'}$ = 0.009829

Refractive Indices		
	λ (nm)	
n_t	1014.0	1.60693
n_r	706.5	1.61334
n_c	656.3	1.61503
$n_{c'}$	643.8	1.61550
n_{He-Ne}	632.8	1.61594
n_D	589.3	1.61791
n_d	587.6	1.61800
n_e	546.1	1.62032
n_F	486.1	1.62478
$n_{F'}$	480.0	1.62533
n_g	435.8	1.63004
n_h	404.7	1.63439
n_i	365.0	1.64177

Constants of Dispersion Formula	
A_0	2.5807942
A_1	-1.1237311×10^{-2}
A_2	1.2840196×10^{-2}
A_3	5.6678948×10^{-4}
A_4	-4.5254526×10^{-5}
A_5	2.1855982×10^{-6}

Deviation of Relative Partial Dispersions ΔP from the"Normal Line"	
$\Delta P_{F,e}$	0.0016
$\Delta Pg_{,F}$	0.0014

Relative Partial Dispersions			
$P_{d,c}$	0.3046	$P'_{d,c'}$	0.2541
$P_{e,d}$	0.2387	$P'_{e,d}$	0.2367
$P_{g,F}$	0.5392	$P'_{g,F'}$	0.4788

Chemical Properties	
	Grade
RC(S)	1
RA(S)	3
D_W	1
D_A	6

Thermal Properties	
T_g (℃)	619
T_s (℃)	649
$T_{10^{14.5}}$ (℃)	572
$T_{10^{13}}$ (℃)	600
$T_{10^{7.6}}$(℃)	711
$\alpha_{20/120℃}$(10^{-7}/K)	99
$\alpha_{100/300℃}$(10^{-7}/K)	110
λ (W/m・K)	

Mechanical Properties	
H_K (10^7Pa)	444
F_A	195
E (10^7Pa)	7403
G (10^7Pa)	2869
μ	0.290
B (10^{-12}/Pa)	1.26

Other Properties	
ρ (g/cm^3)	3.52

Internal Transmittance		
λ (nm)	τ 5 mm	τ 10 mm
2400	0.894	0.80
2200	0.962	0.925
2000	0.989	0.978
1800	0.996	0.993
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	0.999	0.998
700	0.999	0.998
650	0.998	0.997
600	0.998	0.996
550	0.997	0.995
500	0.997	0.994
480	0.996	0.992
460	0.995	0.991
440	0.994	0.989
420	0.993	0.987
400	0.990	0.981
390	0.986	0.973
380	0.980	0.961
370	0.967	0.936
360	0.943	0.89
350	0.906	0.82
340	0.84	0.71
330	0.75	0.57
320	0.65	0.42
310	0.53	0.28
300	0.41	0.17
290	0.30	0.09
280	0.20	0.04

Coloration Code	
λ_{80}/λ_5	36/28

Temperature Coefficients of Refractive Index

Rang of Temperature	dn/dt relative(10^{-6}/℃)					
	t	C′	d	e	F′	g
-40～-20	-3.3	-3.1	-2.7	-2.5	-2.4	-2.2
-20～0	-3.2	-3.0	-2.6	-2.5	-2.4	-2.2
0～20	-3.3	-3.2	-3.0	-3.0	-2.9	-2.3
20～40	-3.5	-3.2	-3.1	-2.9	-2.6	-2.1
40～60	-3.1	-3.0	-2.6	-2.6	-2.3	-2.1
60～80	-2.9	-2.7	-2.5	-2.4	-2.2	-1.8

CDGM