H-K12 534555	n_d = 1.53359	υ_d = 55.47	$n_F - n_C$ = 0.009619
	n_e = 1.53588	υ_e = 55.17	$n_{F'} - n_{C'}$ = 0.009713

Refractive Indices		
	λ (nm)	
n_t	1014.0	1.52296
n_r	706.5	1.52903
n_c	656.3	1.53068
$n_{c'}$	643.8	1.53114
n_{He-Ne}	632.8	1.53157
n_D	589.3	1.53350
n_d	587.6	1.53359
n_e	546.1	1.53588
n_F	486.1	1.54030
$n_{F'}$	480.0	1.54085
n_g	435.8	1.54558
n_h	404.7	1.54998
n_i	365.0	1.55756

Constants of Dispersion Formula	
A_0	2.3150643
A_1	-8.2715617×10^{-3}
A_2	1.2953556×10^{-2}
A_3	2.6850520×10^{-4}
A_4	-5.4602827×10^{-6}
A_5	6.2432562×10^{-7}

Deviation of Relative Partial Dispersions ΔP from the"Normal Line"	
$\Delta P_{F,e}$	0.0001
$\Delta Pg_{,F}$	-0.0023

Relative Partial Dispersions			
$P_{d,c}$	0.3025	$P'_{d,c'}$	0.2522
$P_{e,d}$	0.2381	$P'_{e,d}$	0.2358
$P_{g,F}$	0.5489	$P'_{g,F'}$	0.4870

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

Thermal Properties	
T_g (℃)	502
T_s (℃)	556
$T_{10^{14.5}}$ (℃)	456
$T_{10^{13}}$ (℃)	494
$T_{10^{7.6}}$(℃)	668
$\alpha_{20/120℃}$(10^{-7}/K)	95
$\alpha_{100/300℃}$(10^{-7}/K)	107
λ (W/m・K)	

Mechanical Properties	
H_K (10^7Pa)	462
F_A	85
E (10^7Pa)	7030
G (10^7Pa)	2849
μ	0.234
B (10^{-12}/Pa)	2.82

Other Properties	
ρ (g/cm^3)	2.72

Internal Transmittance		
λ (nm)	τ 5 mm	τ 10 mm
2400	0.903	0.815
2200	0.924	0.854
2000	0.964	0.929
1800	0.983	0.966
1600	0.995	0.990
1400	0.997	0.993
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	0.997
600	0.998	0.997
550	0.998	0.997
500	0.998	0.997
480	0.998	0.997
460	0.998	0.996
440	0.998	0.996
420	0.998	0.996
400	0.997	0.995
390	0.995	0.990
380	0.990	0.980
370	0.982	0.965
360	0.965	0.931
350	0.923	0.852
340	0.829	0.687
330	0.626	0.392
320	0.288	0.083
310		
300		
290		
280		

Coloration Code	
λ_{80}/λ_5	35/32

Temperature Coefficients of Refractive Index

Rang of Temperature	dn/dt relative(10^{-6}/℃)					
	t	C′	d	e	F′	g
-40～-20	1.0	1.4	1.6	1.7	1.9	2.3
-20～0	1.0	1.4	1.6	1.8	2.1	2.3
0～20	1.0	1.5	1.6	1.9	2.6	2.8
20～40	1.0	1.6	1.8	1.9	2.6	2.8
40～60	1.2	1.7	1.8	2.0	2.6	2.8
60～80	1.3	1.7	1.8	2.2	2.6	2.9

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