

BACD11

564-608

$n_d = 1.56384$ $\nu_d = 60.83$ $n_F - n_C = 0.009269$
 $n_e = 1.56605$ $\nu_e = 60.58$ $n_{F'} - n_{C'} = 0.009344$

屈折率 Refractive Index		
	λ (nm)	
n_t	1013.98	1.55334
n_s	852.11	1.55598
$n_{A'}$	768.19	1.55777
n_r	706.52	1.55940
n_c	656.27	1.56101
$n_{c'}$	643.85	1.56146
n_{633}	632.80	1.56188
n_D	589.29	1.56376
n_d	587.56	1.56384
n_e	546.07	1.56605
n_F	486.13	1.57028
$n_{F'}$	479.99	1.57081
n_g	435.84	1.57529
n_h	404.66	1.57945
n_i	365.01	1.58655

分散式の定数 Constants of dispersion formula	
A_0	2.4095163
A_1	$-9.1904415 \times 10^{-3}$
A_2	1.2939968×10^{-2}
A_3	2.3461430×10^{-4}
A_4	$-1.1130589 \times 10^{-5}$
A_5	1.0131863×10^{-6}

部分分散 Partial dispersions	
$n_c - n_t$	0.007671
$n_d - n_c$	0.002828
$n_F - n_d$	0.006441
$n_g - n_F$	0.005012
$n_{c'} - n_t$	0.008122
$n_e - n_{c'}$	0.004589
$n_{F'} - n_e$	0.004755
$n_g - n_{F'}$	0.004486

部分分散比 Partial dispersion rates			
$P_{c,t}$	0.8276	$P'_{c,t}$	0.8692
$P_{d,c}$	0.3051	$P'_{d,c}$	0.2544
$P_{e,d}$	0.2386	$P'_{e,d}$	0.2367
$P_{F,e}$	0.4563	$P'_{F,e}$	0.5089
$P_{g,F}$	0.5407	$P'_{g,F}$	0.4801
$P_{h,g}$	0.4484	$P'_{h,g}$	0.4448
$P_{i,h}$	0.7662	$P'_{i,h}$	0.7601

異常分散性 Anomalous dispersions	
$\Delta P_{c,t}$	-0.0025
$\Delta P_{c,A'}$	-0.0010
$\Delta P_{g,d}$	0.0025
$\Delta P_{g,F}$	0.0020
$\Delta P_{i,g}$	0.0117

化学的性質 Chemical Properties	
D_W	1
D_A	2
T_{Blue}	2
D_{NaOH}	2
D_{STPP}	1
D_0	1
D_H	

熱的性質 Thermal Properties	
T_g (°C)	597
T_s (°C)	657
$T_{10^{14.5}}$ (°C)	569
$T_{10^{13}}$ (°C)	588
$T_{10^{7.6}}$ (°C)	728
$\alpha_{-30/+70}$ ($10^{-7}/K$)	66
$\alpha_{100/300}$ ($10^{-7}/K$)	78
λ [W/(m·K)]	0.903
C_p [kJ/(kg·K)]	0.598

機械的性質 Mechanical Properties	
H_K	605 (6)
F_A	120
E (GPa)	80
G (GPa)	32.1
μ	0.241
σ_b (MPa)	

屈折率の温度係数 Thermal coefficient of refractive indices ($\times 10^{-6}/K$)		
(°C)	dn/dT (rel.)	dn/dT (abs.)
-40/-20	2.9	0.8
-20/ 0	2.9	1.1
0/+20	3.0	1.4
+20/+40	3.1	1.7
+40/+60	3.2	2.0
+60/+80	3.4	2.3

光弾性定数 Photoelastic Constant	
B ($10^{-12}/Pa$)	2.48

比重 Specific Gravity	
d	3.07

備考 Remarks					
硝種対照表 Glass Cross Reference Index					
	HOYA	SCHOTT	OHARA	HIKARI	CDGM
Glass Type	BACD11	N-SK11	S-BAL41	E-SK11	H-BAK6
Code	564-608	564-608	564-607	564-607	564-608
作成 201104					

内部透過率 Internal Transmittance		
λ (nm)	τ 5mm	τ 10mm
1550	0.996	0.991
1500	0.996	0.992
1400	0.989	0.979
1300	0.998	0.996
1200	0.998	0.996
1100	0.998	0.997
1060	0.998	0.997
1050	0.998	0.997
1000	0.998	0.997
950	0.998	0.997
900	0.999	0.998
850	0.999	0.998
830	0.999	0.998
800	0.999	0.999
780	0.999	0.999
750	0.999	0.999
700	0.999	0.999
650	0.999	0.999
600	0.999	0.999
550	0.999	0.999
500	0.999	0.999
480	0.999	0.997
460	0.998	0.996
440	0.998	0.996
420	0.999	0.997
400	0.999	0.997
390	0.997	0.995
380	0.996	0.993
370	0.993	0.985
360	0.992	0.984
350	0.972	0.944
340	0.952	0.905
330	0.913	0.834
320	0.838	0.703
310	0.718	0.516
300	0.527	0.278
290	0.311	0.097
280	0.129	0.017

着色度 Coloration Code	
$\lambda 80 (\lambda 70) / \lambda 5$	335/285
着色度 (内部透過率) Coloration of Internal Transmittance	
$\lambda \tau 80 / \lambda \tau 5$	327/285