

BACD2

607-567

$n_d = 1.60738$ $\nu_d = 56.71$ $n_F - n_C = 0.010710$
 $n_e = 1.60994$ $\nu_e = 56.43$ $n_{F'} - n_{C'} = 0.010809$

屈折率 Refractive Index		
	λ (nm)	
n_t	1013.98	1.59560
n_s	852.11	1.59848
$n_{A'}$	768.19	1.60047
n_r	706.52	1.60231
n_c	656.27	1.60414
$n_{c'}$	643.85	1.60466
n_{633}	632.80	1.60514
n_D	589.29	1.60729
n_d	587.56	1.60738
n_e	546.07	1.60994
n_F	486.13	1.61485
$n_{F'}$	479.99	1.61547
n_g	435.84	1.62072
n_h	404.66	1.62561
n_i	365.01	1.63394

分散式の定数 Constants of dispersion formula	
A_0	2.5393255
A_1	$-8.7207883 \times 10^{-3}$
A_2	1.5909566×10^{-2}
A_3	8.8163036×10^{-5}
A_4	2.5876593×10^{-5}
A_5	$-1.1733523 \times 10^{-6}$

部分分散 Partial dispersions	
$n_c - n_t$	0.008543
$n_d - n_c$	0.003242
$n_F - n_d$	0.007468
$n_g - n_F$	0.005870
$n_{c'} - n_t$	0.009058
$n_e - n_{c'}$	0.005280
$n_{F'} - n_e$	0.005529
$n_g - n_{F'}$	0.005256

部分分散比 Partial dispersion rates			
$P_{c,t}$	0.7977	$P'_{c,t}$	0.8380
$P_{d,c}$	0.3027	$P'_{d,c}$	0.2523
$P_{e,d}$	0.2384	$P'_{e,d}$	0.2362
$P_{F,e}$	0.4589	$P'_{F,e}$	0.5115
$P_{g,F}$	0.5481	$P'_{g,F}$	0.4863
$P_{h,g}$	0.4563	$P'_{h,g}$	0.4521
$P_{i,h}$	0.7779	$P'_{i,h}$	0.7707

異常分散性 Anomalous dispersions	
$\Delta P_{c,t}$	-0.0132
$\Delta P_{c,A'}$	-0.0029
$\Delta P_{g,d}$	0.0029
$\Delta P_{g,F}$	0.0020
$\Delta P_{i,g}$	-0.0052

化学的性質 Chemical Properties	
D_W	2
D_A	3
T_{Blue}	3
D_{NaOH}	2
D_{STPP}	2
D_0	2
D_H	

熱的性質 Thermal Properties	
T_g (°C)	644
T_s (°C)	703
$T_{10^{14.5}}$ (°C)	615
$T_{10^{13}}$ (°C)	636
$T_{10^{7.6}}$ (°C)	780
$\alpha_{-30/+70}$ ($10^{-7}/K$)	63
$\alpha_{100/300}$ ($10^{-7}/K$)	72
λ [W/(m·K)]	0.811
C_p [kJ/(kg·K)]	0.541

機械的性質 Mechanical Properties	
H_K	570 (6)
F_A	130
E (GPa)	77
G (GPa)	30.3
μ	0.268
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	4.0	1.8
-20/0	3.9	2.1
0/+20	4.0	2.4
+20/+40	4.0	2.6
+40/+60	4.2	2.9
+60/+80	4.3	3.2

光弾性定数 Photoelastic Constant	
B ($10^{-12}/Pa$)	2.29

比重 Specific Gravity	
d	3.53

備考 Remarks					
硝種対照表 Glass Cross Reference Index					
	HOYA	SCHOTT	OHARA	HIKARI	CDGM
Glass Type	BACD2	N-SK2	S-BSM 2		
Code	607-567	607-567	607-568		
作成 201104					

内部透過率 Internal Transmittance		
λ (nm)	τ 5mm	τ 10mm
1550	0.997	0.994
1500	0.997	0.995
1400	0.994	0.988
1300	0.998	0.997
1200	0.998	0.997
1100	0.998	0.997
1060	0.998	0.997
1050	0.998	0.997
1000	0.998	0.997
950	0.999	0.998
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	0.997
650	0.999	0.997
600	0.999	0.999
550	0.999	0.999
500	0.999	0.999
480	0.999	0.997
460	0.997	0.994
440	0.997	0.994
420	0.996	0.992
400	0.994	0.987
390	0.991	0.982
380	0.984	0.969
370	0.975	0.951
360	0.953	0.908
350	0.910	0.830
340	0.840	0.700
330	0.710	0.510
320	0.520	0.270
310	0.500	0.250
300		
290		
280		
着色度 Coloration Code		
$\lambda 80(\lambda 70)/\lambda 5$	350/300	
着色度 (内部透過率) Coloration of Internal Transmittance		
$\lambda \tau 80/\lambda \tau 5$		