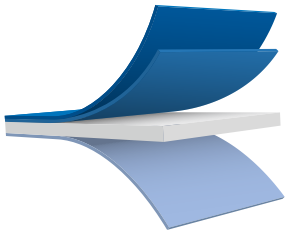
sappi Algro Design Advanced

Double coated top side and light coated reverse side solid bleached board (SBB).

Features

- Silky top surface
- Superior brightness level and high board gloss
- Excellent bulk and stiffness
- Outstanding printing and finishing properties
- High UV light fastness
- Resistance to ageing



PROPERTY	UNITS	METHODS	TYPICAL VALUES							
BASIS WEIGHTS	g/m²	ISO 536	160.0	220.0	240.0	270.0	300.0	330.0	350.0	380.0
THICKNESS	µm	ISO 534	181.0	255.0	281.0	323.0	365.0	405.0	435.0	470.0
BENDING FORCE (15°/50 MM) MD	mN	ISO 5628 2493	35.0	110.0	160.0	220.0	300.0	400.0	460.0	520.0
BENDING FORCE (15°/50 MM) CD	mN	ISO 5628 2493	15.0	55.0	80.0	115.0	160.0	205.0	230.0	250.0
BENDING MOMENT (15°) MD	mNm	TABER T489-OM-92	1.7	5.3	7.7	10.5	14.5	19.3	22.2	25.6
BENDING MOMENT (15°) CD	mNm	TABER T489-OM-92	0.7	2.6	3.9	5.6	7.7	9.9	11.4	13.0
BENDING STIFFNESS (5°/50 MM) MD	mNm	DIN 53121	3.0	9.7	13.0	18.0	27.0	37.0	43.0	52.0
BENDING STIFFNESS (5°/50 MM) CD	mNm	DIN 53121	1.5	4.7	6.5	9.2	14.0	19.0	23.0	26.0
BRIGHTNESS (R457) COATED SIDE	%	ISO 2470-2	101.5	101.5	101.5	101.5	101.5	101.5	101.5	101.5
WHITENESS (CIE) COATED SIDE	%	ISO 11475	132.0	132.0	132.0	132.0	132.0	132.0	132.0	132.0
L-VALUE COATED SIDE	%	ISO 5631	95.50	95.50	95.50	95.50	95.50	95.50	95.50	95.50
A-VALUE COATED SIDE	-	ISO 5631	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
B-VALUE COATED SIDE	-	ISO 5631	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
BRIGHTNESS (R457) UNCOATED SIDE	%	ISO 2470-2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
B-VALUE UNCOATED SIDE	-	ISO 5631	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00	-8.00
SURFACE ROUGHNESS COATED SIDE	µm	ISO 8791-4	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
MOISTURE CONTENT ABS.	%	DIN EN ISO 287	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5

Test climate 23°C, 50 % relative humidity, DIN EN 20 187

Printing processes

- Offset
- Screen printing
- Flexo

Available in

- Sheets
- Reels

Conversion process

- Lacquering - UV, water based and conventional, foil and film lamination, hot foil stamping and cold foil transfer, embossing (high, relief, structure, micro), die cutting, creasing, grooving, perforating, flock coating, lasercodable.

Compliance

- Suitable for direct food contact in accordance with recommendation BfR XXXVI, FDA and Austrian food legislation
- Taint and odour neutral
- Meets the purity requirements of toy safety (heavy metal content)
- Available on request as FSC™ (FSC™ C0150200) or PEFC (PEFC/07-32-76) certified

End uses

- High quality packaging and graphic applications.

For more information please visit www.sappi.com