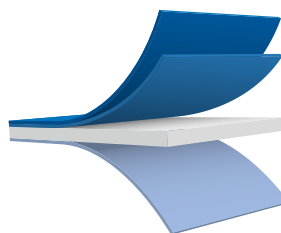


sappi | Algro Design Card

Double coated top side and half 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



Top-coating

Pre-coating

Baseboard

Half-coating

PROPERTY	UNITS	METHODS	TYPICAL VALUES					
BASIS WEIGHTS	g/m ²	ISO 536	235.0	255.0	285.0	315.0	345.0	365.0
THICKNESS	µm	ISO 534	257.0	283.0	325.0	367.0	407.0	437.0
BENDING FORCE (15°/50 MM) MD	mN	ISO 5628 2493	110.0	160.0	230.0	320.0	430.0	490.0
BENDING FORCE (15°/50 MM) CD	mN	ISO 5628 2493	55.0	80.0	120.0	165.0	215.0	240.0
BENDING MOMENT (15°) MD	mNm	TABER T489-OM-92	5.3	7.7	11.1	15.5	20.8	23.7
BENDING MOMENT (15°) CD	mNm	TABER T489-OM-92	2.6	3.9	5.8	8.0	10.4	11.6
BENDING STIFFNESS (5°/50 MM) MD	mNm	DIN 53121	9.7	15.0	23.0	33.0	40.0	47.0
BENDING STIFFNESS (5°/50 MM) CD	mNm	DIN 53121	4.7	8.5	14.0	17.0	22.0	27.0
BRIGHTNESS (R457) SMOOTH, DOUBLE COATED SIDE	%	ISO 2470-2	101.5	101.5	101.5	101.5	101.5	101.5
WHITENESS (CIE) SMOOTH, DOUBLE COATED SIDE	%	ISO 11475	132.0	132.0	132.0	132.0	132.0	132.0
L-VALUE SMOOTH, DOUBLE COATED SIDE	%	ISO 5631	95.5	95.5	95.5	95.5	95.5	95.5
A-VALUE SMOOTH, DOUBLE COATED SIDE	-	ISO 5631	2.00	2.00	2.00	2.00	2.00	2.00
B-VALUE SMOOTH, DOUBLE COATED SIDE	-	ISO 5631	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
BRIGHTNESS (R457) ROUGH, SINGLE COATED SIDE	%	ISO 2470-2	100.0	100.0	100.0	100.0	100.0	100.0
B-VALUE ROUGH, SINGLE COATED SIDE	-	ISO 5631	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00
SURFACE ROUGHNESS SMOOTH, DOUBLE COATED SIDE	µm	ISO 8791-4	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

Test climate 23°C, 50 % relative humidity, DIN EN 20 187
All rights to improve quality due to technical modifications reserved

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 graphic and packaging applications

For more information please visit www.sappi.com

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