Technical Data Sheet Revision no./01.2024

Algro Design Duo

Symmetrical full coated top and 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

Full coated top side

Base board (100% virgin fibre)

Full coated reverse side



UNITS	METHODS					TYPICAL	YPICAL VALUES	
g/m²	ISO 536	250.0	270.0	300.0	330.0	360.0	380.0	
μm	ISO 534	270.0	290.0	335.0	375.0	410.0	450.0	
mN	ISO 5628 2493	130.0	180.0	255.0	350.0	460.0	590.0	
mN	ISO 5628 2493	65.0	88.0	140.0	190.0	240.0	315.0	
mNm	TABER T489-OM-92	6.3	8.7	12.3	16.9	22.2	28.5	
mNm	TABER T489-OM-92	3.1	4.3	6.8	9.2	11.6	15.2	
mNm	DIN 53121	12.5	16.3	23.9	31.4	42.7	55.3	
mNm	DIN 53121	7.5	10.0	13.8	18.8	23.9	30.2	
%	ISO 2470-2	101.5	101.5	101.5	101.5	101.5	101.5	
%	ISO 11475	132.0	132.0	132.0	132.0	132.0	132.0	
%	ISO 5631	95.5	95.5	95.5	95.5	95.5	95.5	
-	ISO 5631	2.00	2.00	2.00	2.00	2.00	2.00	
-	ISO 5631	-9.00	-9.00	-9.00	-9.00	-9.00	-9.00	
μm	ISO 8791-4	1.8	1.8	1.8	1.8	1.8	1.8	
%	DIN EN ISO 287	5.5	5.5	5.5	5.5	5.5	5.5	
	μm mN mN mNm mNm mNm mNm % %	g/m² ISO 536 μm ISO 534 mN ISO 5628 2493 mN ISO 5628 2493 mNm TABER T489-OM-92 mNm TABER T489-OM-92 mNm DIN 53121 mNm DIN 53121 % ISO 2470-2 % ISO 11475 % ISO 5631 - ISO 5631 μm ISO 8791-4	g/m² ISO 536 250.0 μm ISO 534 270.0 mN ISO 5628 2493 130.0 mN ISO 5628 2493 65.0 mNm TABER T489-OM-92 6.3 mNm TABER T489-OM-92 3.1 mNm DIN 53121 12.5 mNm DIN 53121 7.5 % ISO 2470-2 101.5 % ISO 11475 132.0 % ISO 5631 95.5 - ISO 5631 2.00 μm ISO 8791-4 1.8	g/m² ISO 536 250.0 270.0 μm ISO 534 270.0 290.0 mN ISO 5628 2493 130.0 180.0 mN ISO 5628 2493 65.0 88.0 mNm TABER T489-OM-92 6.3 8.7 mNm TABER T489-OM-92 3.1 4.3 mNm DIN 53121 12.5 16.3 mNm DIN 53121 7.5 10.0 % ISO 2470-2 101.5 101.5 % ISO 11475 132.0 132.0 % ISO 5631 95.5 95.5 - ISO 5631 2.00 2.00 μm ISO 8791-4 1.8 1.8	g/m² ISO 536 250.0 270.0 300.0 μm ISO 534 270.0 290.0 335.0 mN ISO 5628 2493 130.0 180.0 255.0 mN ISO 5628 2493 65.0 88.0 140.0 mNm TABER T489-OM-92 6.3 8.7 12.3 mNm TABER T489-OM-92 3.1 4.3 6.8 mNm DIN 53121 12.5 16.3 23.9 mNm DIN 53121 7.5 10.0 13.8 % ISO 2470-2 101.5 101.5 101.5 % ISO 11475 132.0 132.0 132.0 % ISO 5631 95.5 95.5 95.5 - ISO 5631 -9.00 -9.00 -9.00 μm ISO 5631 -9.00 -9.00 -9.00	g/m² ISO 536 250.0 270.0 300.0 330.0 μm ISO 534 270.0 290.0 335.0 375.0 mN ISO 5628 2493 130.0 180.0 255.0 350.0 mN ISO 5628 2493 65.0 88.0 140.0 190.0 mNm TABER T489-OM-92 6.3 8.7 12.3 16.9 mNm TABER T489-OM-92 3.1 4.3 6.8 9.2 mNm DIN 53121 12.5 16.3 23.9 31.4 mNm DIN 53121 7.5 10.0 13.8 18.8 % ISO 2470-2 101.5 101.5 101.5 101.5 % ISO 11475 132.0 132.0 132.0 132.0 % ISO 5631 95.5 95.5 95.5 - ISO 5631 -9.00 -9.00 -9.00 -9.00 - ISO 5631 -9.00 -9.00 -9.00 -9.00 -<	g/m² ISO 536 250.0 270.0 300.0 330.0 360.0 μm ISO 534 270.0 290.0 335.0 375.0 410.0 mN ISO 5628 2493 130.0 180.0 255.0 350.0 460.0 mNm ISO 5628 2493 65.0 88.0 140.0 190.0 240.0 mNm TABER T489-OM-92 6.3 8.7 12.3 16.9 22.2 mNm TABER T489-OM-92 3.1 4.3 6.8 9.2 11.6 mNm TABER T489-OM-92 3.1 4.3 6.8 9.2 11.6 mNm DIN 53121 12.5 16.3 23.9 31.4 42.7 mNm DIN 53121 7.5 10.0 13.8 18.8 23.9 % ISO 2470-2 101.5 101.5 101.5 101.5 101.5 101.5 % ISO 5631 95.5 95.5 95.5 95.5 95.5 - I	

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

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.

End uses

• High quality packaging and graphic applications

Available in

- Sheets
- Reels

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 Mix Credit (FSC[™]-C015022) or 100% PEFC (PEFC/07-32-76) certified

For more information please visit www.sappi.com

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